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Armstrong Nurseries

O N T A R I O , C A L I F O R N I A



Miss Neuman

Mirandy

The 1945 All-America Rose

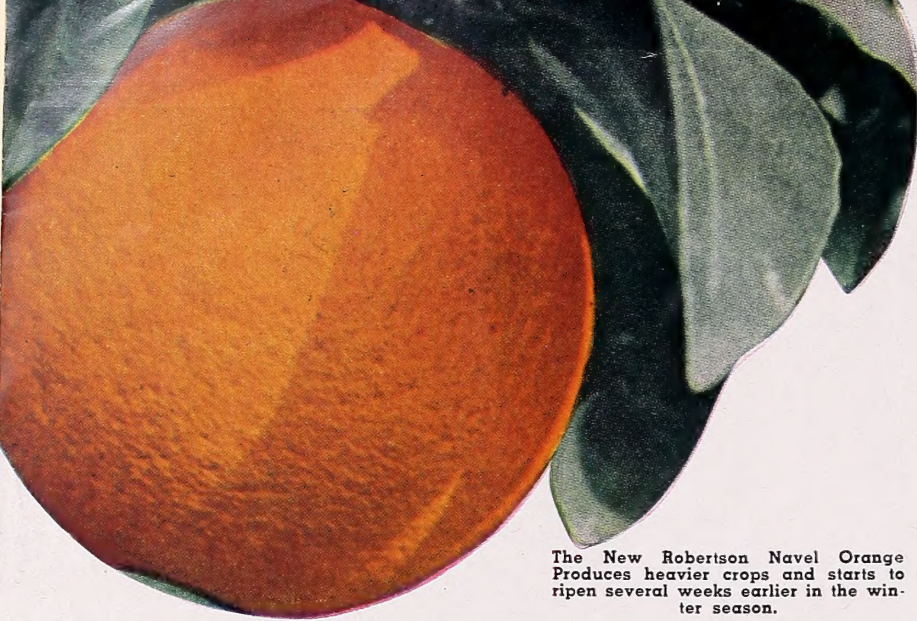
See Page 64

Armstrong

There is a Difference

Not all citrus trees are the same. You have seen some orange trees loaded down with high quality fruit and others that were scrubby things with little or no fruit on them and that possibly of an inferior type. Care after planting has a lot to do with it (that is up to you), but in most cases the kind of mature tree you get is determined by the kind of young tree you plant (that is up to us).

Five, ten, twenty years after you plant, that's when you really appreciate an Armstrong Citrus Tree, because that's when you'll be enjoying the big crops and the superior quality for which Armstrong strains are famous.



The New Robertson Navel Orange Produces heavier crops and starts to ripen several weeks earlier in the winter season.

Planting Calendar for Citrus

The black squares under every month in the planting calendar below indicate that you can plant citrus trees (balled, bare root or in tins) during any month in the year (spring months are slightly preferable).

Month	J	F	M	A	M	J	J	A	S	O	N	D
	■	■	■	■	■	■	■	■	■	■	■	■

Shipping Weights and Costs

Citrus trees are usually supplied with a burlap-wrapped ball of earth on the roots, but bare root trees may be supplied if specially requested. We recommend and often ship bare root trees to distant points to save transportation expense. Balled, 1-year trees weigh 40 lbs., 2-year trees, 60 lbs. Bare root trees, 1-year, weigh 2 lbs. for the first tree and 1 lb. for each added tree. See page 42 for shipping costs.

Dependable for 55 Years

For 55 years, always under the same management, Armstrong Nurseries has been furnishing superior citrus trees to the orchardists and home planters of the Southwest. Many of the finest and largest producing orchards in this state are planted with Armstrong grown trees, and no matter in what town you live, you're sure to find in nearby home gardens Armstrong citrus trees providing large quantities of wonderful fruit for their owners.

Painstaking attention to the details of seed selection, rigid grading of seedlings, modern bud selection methods and careful growing and digging practices produce an Armstrong citrus tree which is inherently vigorous and productive.

Top-Work Your Old Trees

Licenses for top-working orchard or dooryard trees to Armstrong patented citrus varieties, including Armstrong Seedless Valencia, Robertson Navel, Summernavel or Armstrong Seedless Lemon, may be secured from the Armstrong Nurseries for a very small charge. Write for information. Please note that unauthorized reproduction of patented citrus varieties by budding, grafting or any other means, either as nursery grown trees or as top-worked orchard trees, is prohibited by the U. S. Plant Patent Laws.

Be Sure It's Genuine

Every tree sold of the Armstrong Seedless Valencia (Plant Pat. No. 124), the Robertson Navel (Plant Pat. No. 125), the Summernavel Orange (Plant Pat. No. 347), and the Armstrong Seedless Lemon (Plant Pat. No. 342), carries a tag bearing its patent number, and unless it does carry such a tag, it is not a genuine tree of the varieties named.

For Arizona Planters

Trees of the Robertson Navel Orange, Armstrong Seedless Valencia Orange and Summernavel Orange are available for planting in Arizona from Mr. H. H. Wasser, Nurseryman, Route 2, Box 217 (7220 North 12th Street), Phoenix. Mr. Wasser also is authorized to issue licenses for top-working orchard trees to the above varieties in Arizona.

The Robertson Navel Orange has been a great success in Arizona, where it ripens far heavier crops of earlier maturing fruit than the Washington Navel. It seems to be by far the best Navel Orange for planting in that State.

Are You Up-to-Date?

We are constantly testing new citrus varieties and offering them for your profit and pleasure when we are convinced that they are worthy of recommending to you. New improved citrus kinds which we definitely recommend include: The heavy bearing, early ripening Robertson Navel for winter oranges; the Armstrong Seedless Valencia for seedless summer orange juice; the Armstrong Seedless Lemon for seedless lemonade the year around; the Summernavel, a delicious juicy orange which reverses the Navel season by ripening in the summer.

Then there are those richly flavored juicy Tangelos; the heavy bearing, ornamental, cold-resistant Calamondin; and the juiciest and finest of all Tangerines, the Kara and Kinnow.

You might as well have the finest in citrus fruits while you are planting. Many of these kinds are available only at Armstrongs because only Armstrongs have taken the trouble to search them out, test them and grow them for you.

Armstrong Seedless Valencia Orange

Armstrong Seedless Valencia. FC20. Throughout the world wherever oranges are grown the Valencia has long been considered the finest summer juice orange, but until the introduction of the Armstrong Seedless Valencia two years ago, there had never been a Valencia without seeds. The ordinary kind contains from 4 to 3 seeds and usually 6 or 8 which must be strained out each time that juice is squeezed. Housewives throughout the country will welcome this new seedless orange. In appearance the Armstrong Seedless Valencia is similar to the ordinary Valencia, but possibly finer textured, with much less rag and a little better quality. The vigorous trees bear heavy crops of beautiful seedless fruit. Although an occasional seed may be found, you will have to hunt through hundreds of fruits to find one. You can throw away your orange juice strainers when you have this new Seedless Valencia in bearing. Plant Pat. No. 124.
Price on Armstrong Seedless Valencia: 1-year trees, \$4.50 each, \$42.50 per 10; 2-year trees, \$5.00 each, \$47.50 per 10.



Armstrong Seedless Valencia

When cut in half, the fruits show only clear, juicy flesh, with no seeds in evidence, as shown in this picture.

California Citrus Trees

Washington Navel

Washington Navel. FC28. This famous seedless, winter ripening Orange is largely responsible for California's world-wide citrus fame. The fruit is large, with the characteristic navel at the blossom end, and in flavor, juiciness and general high quality, it is not excelled by any other Orange. The skin peels off readily, while the sections are easily separated without breaking. While easily grown anywhere in Southern California, it is at its best in the foothills and the valleys a few miles removed from the coast. December to April. 1-year trees, \$3.75 each, \$35.00 per 10.

Valencia. FC27. The best summer orange the world over is the Valencia. Valencias begin to ripen in May and are available throughout the summer and fall months. The medium-sized fruit is juicy and sweet, with few seeds, and the tree is the largest of all citrus varieties. Most of the summer orange juice consumed in the United States comes from the Valencia. If you want your orange juice absolutely seedless, you will want the new Armstrong Seedless Valencia on opposite page. April to October. 1-year trees, \$3.75 each, \$35.00 per 10; 2-year trees, \$4.50 each, \$42.50 per 10.

St. Michael. FC25. Sometimes called "Paper-Rind" because of the thinness of the skin on the medium sized, richly flavored fruits which are exceedingly sweet and juicy. Ripens between the Navel and the Valencia, and is a fine home fruit. Feb. to April. 1-year trees, \$3.75 each.

The Best Blood Orange

Ruby Blood. FC24. This is the best Blood Orange. Of medium size, very sweet and juicy. The flesh is streaked with red and when fully ripe is blood-red, the color extending through the peel to show a red blush on the outside. The bright red juice is delicious, and the fruit meets any home use. February to May. 1-year trees, \$3.75 each, \$35.00 per 10; 2-year trees, \$4.50 each, \$42.50 per 10.

New Summernavel Orange

Summernavel Orange. FC26. No orange is as good to eat as a Navel. Their quality, fine full flavor and firm juiciness has made California famous, but—until recently Navel oranges have been available only in the winter and spring. Now Armstrong offers the new Summernavel, a beautiful, large, juicy, full-flavored Navel orange, as good as any you ever tasted, but ripening in the summer months.

The fruit of the Summernavel is not ready to pick until March—it is at its best in June and July, and hangs on if you wish until September. The reason people like Navel oranges best to eat is because they peel so easily and the sections separate readily.

It is a pleasure to eat them out of hand. There is nothing so enjoyable as a salad made from the firm yet juicy luscious segments of the Navel Orange, but heretofore housewives have never been able to make such salads except in the winter and spring because there were no Navels available. Now they can be had all through the warm summer when such salads are most enjoyed.

The Summernavel bears large size fruit. We don't see how it could be finer in quality. The tree is large leaved and vigorous, bearing excellent crops. It's the newest thing in California citrus fruits. Plant Pat. No. 347. 1-year trees of Summernavel, \$4.50 each, \$42.50 per 10.

Robertson Navel Orange

Robertson Navel. FC23. The finest winter ripening orange for California and Arizona—that is what we claim for this new, improved, early ripening, heavier producing orange. Young trees two and three years old are loaded down with fruit, bearing two or three times as much as trees of the Washington Navel of the same age, and it continues to far outbear that variety after the trees are mature. You will not have to wait for fruit on the Robertson because it starts producing almost as soon as you plant the trees. Plant Pat. No. 126.

The Robertson Navel is the best winter orange and the one you will find most profitable because—

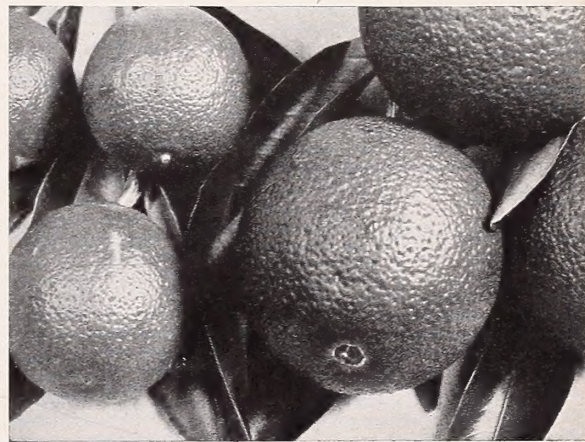
1. In appearance, color, tenderness, flavor and juiciness the Robertson is equal to the finest Washington Navel, making it the best eating orange in the world.
2. The Robertson is by far the heaviest bearing Navel Orange, far more productive than the Washington Navel. It consistently bears more boxes per tree and per acre, even though the tree is slightly smaller than Washington.
3. The Robertson tree usually starts to bear as soon as it is planted.
4. The fruit is smooth, uniform, and nearly all of it in the desirable medium sizes.
5. You can pick the fruit two to three weeks ahead of the Washington Navel, well before Christmas, before the heavy winter frosts. This is an exceedingly important characteristic in the early ripening citrus areas of Arizona and the San Joaquin Valley. In these sections Robertsons are sweet, colored and ready to pick early in November.

	Each	Per 10
1-year trees	\$4.50	\$42.50
2-year trees	5.00	47.50

Write for special low prices on 25 or more trees.



Both Paulette and the Robertson Navel Orange tree shown above are three years old. Robertson bears young and it bears heavily.



Why the Robertson Navel Sets Heavy Crops
The photograph above shows why the Robertson Navel always sets a heavy crop. The larger cluster of fruits on the right are Robertson Navels, while the smaller fruits are ordinary Washington Navels. Both are average specimens of each variety picked in the same orchard on July 10th. The fruit of the Robertson is so large in June and July that hot weather affects it but little, while it causes the smaller fruits of the Washington Navel to drop.

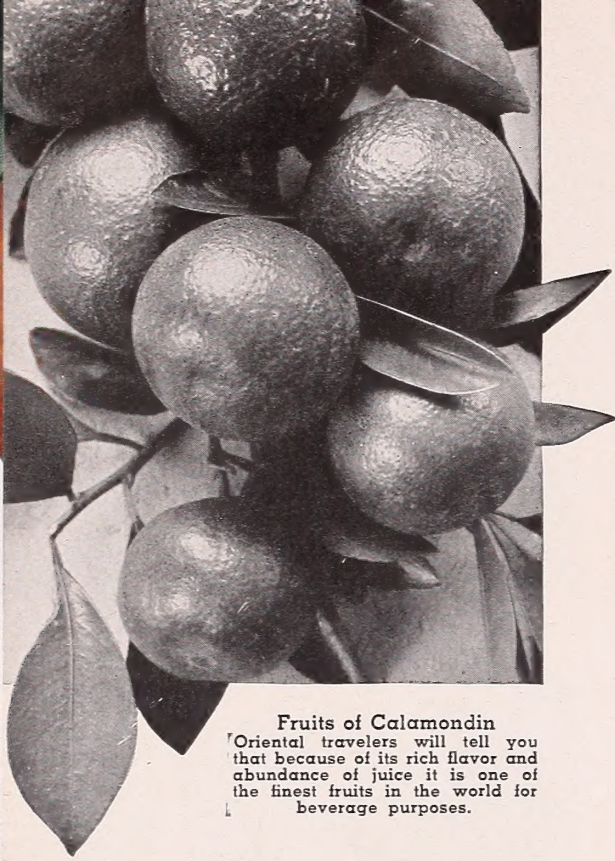
Juicy Summernavel Orange slices and Sodus Purple Raspberries make a delightful summer salad. Only the Summernavel Orange will give you orange slices in the summertime.



Armstrong Limes, Grapefruit

The Piquant Limes

Everybody knows that limeade is one of the most delicious and refreshing of all drinks. Lime trees grow rapidly and bear fruit almost at once and continue to produce heavy crops. They are more susceptible to frost than other citrus fruits, and in colder sections the Eustis Limequat (see page 6) or the hardy Calamondin (pictured at left) should be planted since their fruits will serve the same purposes as those of the lime.



Fruits of Calamondin
Oriental travelers will tell you that because of its rich flavor and abundance of juice it is one of the finest fruits in the world for beverage purposes.

Beautiful Tree, Delicious Fruit

Calamondin. FC1. Beautiful, densely-foliaged, tall, slender citrus tree from the Philippines, probably the most resistant to cold of all edible citrus fruits. It bears great quantities of little highly-colored fruits, reddish-orange inside and out, with an excellent unique flavor and with more juice to the square inch than any other citrus fruit. The fruit keeps ripening for some months, not all at once. Delightful for beverage purposes and a splendid ornamental. It makes delightfully delicious marmalade unique and different in flavor. The snowy white flowers are among the largest and most sweetly scented of all citrus blooms. Tree form, 2-year, \$4.50 each; bush form, 5-gal. tins, \$3.50 each, \$32.50 per 10.

This Is the Way Your Armstrong Grapefruit Trees Will Produce
A cluster of 47 Marsa Seedless Grapefruit on a young Armstrong tree. We do not guarantee that you'll always get clusters this large, but you will get plenty of fruit.



The Best Lime

Bearrs Seedless Lime. FC11. This is the largest and finest of all limes, predominating at the present time in both commercial and home plantings. It has all of the good qualities one could ask for in a Lime, producing heavy crops of beautiful, seedless, highly acid fruits with rich Lime flavor, ripening most of its fruit in the summer when Limes are most in demand. The tree is large and vigorous, almost thornless. The fruits get as large as small lemons if left on the tree, but may be picked for use and market in smaller sizes. Limes have been one of the best paying citrus fruits in recent years. 1-year trees, \$4.50 each, \$42.50 per 10; 2-year trees, \$5.00 each, \$47.50 per 10.

Sweet Lime

Sweet Lime. FC13. The fruit of this variety has the characteristic Lime flavor, but the juice is so sweet that it may be taken without sugar. Large, yellow, very juicy fruits on a large, handsome tree which bears enormous crops of fruit, and is considerably harder than Bearrs. You will find this fruit excellent to eat any time out of hand and that the juice makes a most refreshing and unusual drink. 1-year trees, \$4.50 each.

May 24, 1944. "I bought a little Robertson Navel from you last year, and this year one branch has 5 sizable oranges on it—just one branch. Needless to say, we are delighted." A. C., Los Angeles.

Rangpur Lime

Rangpur Lime. FC12A. The beautiful deep reddish orange fruits, shaped like a tangerine, are as handsome as any citrus fruits you ever saw, and they are just as good inside as they look outside. Even the flesh is orange. It is the most resistant to cold of all the limes we grow, and it has some of the most beautiful, big, white, fragrant blossoms that you have ever sniffed. It makes a beautiful big tree and bears heavily. We recommend it as a combination fruiting ornamental. Bush form, gal. tins, \$1.25 each; 5-gal. tins, \$3.50 each.

Beauty and Marmalade

Brazilian Sour Orange. FC25A. Provides lots of luxuriant big citrus foliage and big orange-red fruits. A beautiful ornamental tree from coast to desert and easy to grow. All the best English and Scotch marmalade is made from the Sour Orange. Unexcelled for espalier against a wall. Bushy plants in gal. tins, \$1.25 each, \$11.00 per 10; 5-gal. tins, trained as espalier on trellis, \$7.50 each.

The Hardy Lemon

Jan. 14, 1943: "I have had such good luck with your Meyer Lemon, it being so sturdy that it stands our Stockton freezes," L. E. B., Stockton, Calif.

Feb. 7, 1944: "We bought a Meyer Lemon of you people in Feb. 1943. We picked the first lemon Dec. 12, 1943, the second Jan. 10, 1944. They have a most delicious flavor." Mrs. J. A. H., El Monte, Calif.

Grapefruit

Every family is using more and more grapefruit each year, and the home grounds should have a tree or two, for they are easily grown with little care in most of California. There is considerable difference in the strains of Grapefruit. We are confident that the buds from which Armstrong Grapefruit trees are grown come from the finest type and heaviest producers now available.

Marsh Seedless. FC2. Most commercial and home plantings of grapefruit in California and Arizona are of this variety. The fruit is large, practically seedless, with a thin rind, abundant juice, and exceptionally fine flavor. The tree is a vigorous and compact grower and bears very heavily. Grapefruit in the Southwest are thinner-skinned and sweeter in the inland desert sections, but in all locations the Marsh Seedless is the best variety. Ripens December to May in desert, May to August near coast. 1-year trees, \$3.75 each, \$35.00 per 10; 2-year trees, \$4.50 each, \$42.50 per 10.

Thompson Grapefruit. FC4. (Pink Marsh Seedless) A sport of the Marsh Seedless Grapefruit which in the desert regions of California bears fruit with beautiful pink flesh. In districts nearer the coast only a slight tinge of pink is evident. Aside from the novelty of colored flesh, the Thompson is a splendid seedless grapefruit, just as good in quality as the Marsh wherever grown. 2-year trees, \$4.50 each, \$42.50 per 10.

New Red Grapefruit

Ruby Grapefruit. FC3. Here is a new seedless red grapefruit, exactly the same as the Thompson but with more red in the flesh and with red color showing on the outside of the skin. In the desert areas the ruby red color, both outside and in, is pronounced and beautiful. However near the coast, like all other red grapefruits, it shows very little color. No matter where you plant it, this is the newest and best there is in grapefruit. 1-year trees, \$4.50 each, \$42.50 per 10; 2-year trees, \$5.00 each, \$47.50 per 10.

Lemons, Tangelos

Lemons

There are so many uses for Lemons that no home garden should be without a tree. Most Lemon varieties are not quite as hardy as orange trees, but for home use may safely be planted anywhere except in the very cold interior or northern districts. For these colder sections we recommend the Meyer Lemon (illustrated on page 6). For most locations in Southern California, we think there is no finer Lemon than the Armstrong Seedless—the only lemon without seeds—with as fine quality as you'll find in any Lemon.

Eureka Lemon

Eureka. FC7. In recent years the leading lemon for both commercial and home planting; fruit uniform, of medium size, of the highest quality. The seeds are few and the juice is abundant. The tree is almost thornless. It bears continuously all through the year but has the desirable feature of ripening much of its fruit in the summer when the demand is greatest. The California lemon industry is largely founded on the Eureka. It is a heavy bearer and the young trees start to bear early. If you want a lemon like the Eureka but entirely seedless, plant the new Armstrong Seedless Lemon. 1-year trees, \$3.75 each, \$35.00 per 10. Write for special low prices on 25 or more trees.

Lisbon Lemon

Lisbon Lemon. FC8. A splendid lemon for certain sections of California, particularly interior areas, because the tree is exceedingly strong and vigorous, with dense foliage, much more so than Eureka. It is also a heavier bearing tree than Eureka but tends to ripen more of its fruit in the winter. More resistant to frost, heat and wind injury than Eureka. The buds for our trees were taken from an orchard tree which had a production record of 2,749 lbs. of fruit in one year and has been consistently near that figure. 1-year trees, \$3.75 each, \$35.00 per 10.

Real Pink Lemonade

Pink Fleshed Lemon. FC10. Nature was in a gay mood when this unusual Lemon was created. The foliage is striped and variegated in many shades of green, pink, and white, but is normal and vigorous otherwise. The fruit is of medium size, juicy, and of good quality (it is a sport of Eureka), but astonishingly enough it is also striped in green and white, while the flesh and juice are a rich pink color. With its pink flower-buds added, it is a most unusual and unique tree—exceedingly ornamental as well as useful. Bush form, gal. tins, \$1.25 each; 5-gal. tins, \$3.50; tree shape, 1-year trees, \$4.50 each.

The Famous Meyer Lemon

Illustrated in Color on Next Page

Meyer Lemon. FC9. A lemon tree that does not freeze even in the most severe California frosts, which ripens fruit almost throughout the year, fruits that are orange-colored, bigger and juicier than the average Lemon and make the finest lemon pie you ever tasted. A tree that is beautiful in appearance, has the biggest and most fragrant citrus blooms (not white but pink), which grows easily anywhere in California (or anywhere in the South and Southwest) from coast to the hottest desert valleys, and bears heavy crops always. This is the Meyer or Chinese Dwarf Lemon, the ideal home lemon tree. As a single tree, for hedge or as pot plant the Meyer will give satisfaction. The tree-shaped plants listed below will make a large tree more quickly but are not so ornamental to start with as the bushy type. Bush form, gal. tins, \$1.25 each, \$11.00 per 10; 5-gal. tins, \$3.50 each, \$32.50 per 10; tree shape, 1-year, \$3.75 each, \$35.00 per 10; 2-year, \$4.50 each, \$42.50 per 10; large tubbed plants, bushy, \$5.00 each.

If you live in the western part of Los Angeles or the beach cities, you'll want to visit our new Culver City Salesyard on Sepulveda Blvd., five blocks south of Washington Blvd.

The New Armstrong Seedless

Armstrong Seedless Lemon. FC6. Now we are able to offer to California planters what we have been wanting for a long time—a Lemon of the finest quality with no seeds. Gone is the inconvenience of fishing seeds out of your lemonade. The variety was discovered in Riverside a few years ago and has been tested in a number of locations with the same uniform results, a total absence of seeds. Where planted with other Lemon varieties, an occasional seed may be found due to cross-pollination, but even then the seeds will be so rare they will be found only once in hundreds of fruits.

Seedlessness would not be worthwhile unless quality was present. In this new Armstrong Seedless Lemon, however, the quality is just as good as in the famous Eureka Lemon to which this variety is almost identical in every respect except the presence of seeds. The fruit is large, smooth-skinned, juicy, and as fine in every respect as any lemon that can be found in California today. The tree is vigorous and bears heavy crops of fruit. Too new to be thoroughly tested as a commercial lemon but for home use we think it is the No. 1 lemon. Plant Pat. No. 342. 1-year trees, \$4.50 each, \$42.50 per 10; 2-year trees, \$5.00 each, \$47.50 per 10.

Ponderosa Lemon

Ponderosa Lemon. FC10A. If you want lemons that are really big, and we mean big (12 inches in circumference), this is the one for you. And you won't have to wait long either because it's a dwarf tree and starts producing right now. We grow them in the containers and you can keep them there for a long time if you wish, or plant it out in the ground. The tree is small but quite hardy, more so than any other lemon that we list except Meyer. This variety is sometimes sold as a pot plant under the name "American Wonder Lemon." Not as good for ordinary home uses as the other lemons. Bush form, gal. tins, \$1.25; 5-gal. tins, \$3.50.



Bearss Seedless Lime
First Choice for Home or Commercial Planting

Tangelos, Delightful Juice Fruits

The Tangelos are citrus hybrids obtained by crossing the Tangerine and the Grapefruit. They are easily grown, bear very heavy crops at an early age and are just as hardy as Oranges. Better than Grapefruit for areas immediately adjacent to the coast because they get sweet there while Grapefruit does not.

Sampson Tangelo. FC30. This is the best known of the Tangelos, and its golden-yellow, glossy skinned fruits are filled with a delicious orange-red juice which combines in a delightful way the zestful tang of the grapefruit and the sprightliness of the Tangerine. Next to the Kara Mandarin we consider this to have the most delicious juice of all citrus fruits. Colors up early in the winter but should be allowed to stay on the tree until late winter or spring to get its full sweetness. February to May. Strong trees, \$5.00 each.

Pearl Tangelo. FC29. We like this new Tangelo because its medium sized, rounded, yellow fruits ripen early from December through March and are sweet and delicious as soon as they have colored up. It is one of the most delightful citrus juice fruits that can be imagined. Ripens earlier than Sampson, and one tree of each will give you delicious Tangelo juice over half the year. Makes a beautiful ornamental tree with long, dark green, willow-like leaves densely clothing the pendulous branchlets. December through March. Strong trees, \$5.00 each.

Pearl Tangelos

All the time we were fixing up this picture to show you our mouths were watering because there is nothing more delicious than Tangelo juice.

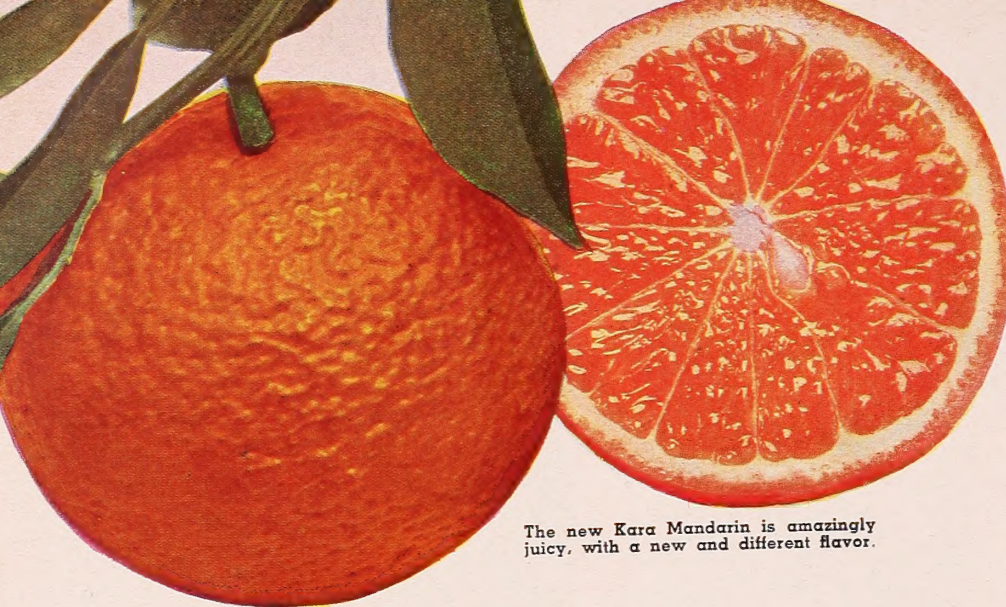


Citrus (Continued)

For Potted Plants

For the patio, outdoor stairway, garden walks and terraces in many California gardens, there is no more delightful potted plant than one of the citrus trees, with its glossy foliage, fragrant blooms and orange or yellow fruits. We have grown certain varieties in bush form as potted plants, kinds which will keep in good condition in a container for a reasonable length of time. Full descriptions of these varieties with sizes and prices, are given under each variety in this section of the catalog, but for easy reference we mention them here. All are very hardy (15°) except Pink-Fleshed Lemon (22°).

Calamondin. See page 4.
Meyer Lemon. See page 5.
Myrtle-Leaved Orange. Below.
Pink-Fleshed Lemon. See page 5.
Ponderosa Lemon. See page 5.
Rangpur Lime. See page 4.



The new Kara Mandarin is amazingly juicy, with a new and different flavor.

Mandarin Oranges (Tangerines)

The Mandarin Oranges, or Tangerines as the red-skinned ones are usually called, are splendid fruits for home planting because of the heavy crops of sweet, juicy, unique-flavored fruit which everyone likes.

Kara and Kinnow, the two Mandarin Oranges listed below, originated by Dr. Frost of the University of California Citrus Experiment Station, are, in our opinion, just about the finest eating of all the citrus fruits. Maybe we should say drinking, because these beautiful golden thin-skinned Mandarins are bursting with unbelievable quantities of the most delicious, sweetest and richest flavored juice that ever trickled over the palate. How full of vitamins they must be, and what a pleasant way to take them! The trees are vigorous and heavy bearing.

Price on all Mandarins, 2-year trees, \$5.00 each, \$47.50 per 10.

Kara Mandarin

Kara Mandarin. FC17. This hybrid between Satsuma and the King Mandarin is the largest of these two new varieties. Its beautiful rich orange flesh, while firm, is exceptionally tender and juicy, and so sweet and rich in flavor that it can be diluted fifty per cent with water and still taste better than most citrus juices do taken straight. You can get more juice out of these beautiful golden orange fruits than you would believe possible, and they have an entirely new flavor in citrus fruits. February to April.

Kinnow Mandarin

Kinnow Mandarin. FC18. These smooth-skinned, glossy, yellowish-orange fruits are smaller than the Kara, but both in tree and fruit this variety is the most beautiful in appearance. The tree is a heavy bearer, producing great quantities of the handsome delicious fruits, exceedingly juicy and full of flavor. We have listened to many arguments among the experts as to which is the better, Kara or Kinnow, and if Mr. Gallup took a poll, he would probably find that 50 per cent like Kinnow best and the other 50 per cent like Kara. They are quite different, so we'll let you decide. If it's just looks you want, then you had better plant Kinnow. January to May.

An Old Favorite

Dancy Tangerine. FC16. Most of the tangerines you buy in the market are of this kind because it's an old variety planted commercially for many years. Large, handsome, thin-skinned, orange-red fruits, borne on a big, vigorous, heavy producing tree. It is a very satisfactory Tangerine everywhere in the citrus district but for home use at least, we would prefer to sell you a Kara or Kinnow because we think the quality is better. No trees of this variety available until May 1945.

Satsuma

Satsuma Orange. (Owari.) FC19. The hardest orange that we grow, and for this reason can be planted where other citrus fruits will not succeed, but it is one of the best for any district because its big, flat, loose-skinned, deep orange fruits are sweet, tender and juicy, and best of all, they ripen early, long before Christmas, when no other citrus fruits are yet ripe. Most fruits are entirely seedless, and the tender, melting, delicious flesh is really something to enthuse over. The tree is a dwarf, spreading grower, seldom more than 6 feet, bearing while very young. November to January.

Clementine

Clementine Tangerine. FC15. (Algerian.) This excellent Tangerine has four distinctive characteristics. (1) The delicious medium-sized fruit is just about the sweetest of all the Tangerines; (2) the fruit has a rich red color; (3) next to Satsuma it is the earliest to ripen; and (4) its dark green, glossy, compact foliage makes it one of the most beautiful of citrus trees. It has been very profitable commercially in Coachella and Imperial Valleys where it ripens early in October and November. Although it is one of the earliest to ripen, the fruits stay juicy and palatable until quite late in the season. December to May.

Myrtle-Leaved Orange

Myrtle-Leaved Orange (Chinotto.) FC21. A beautiful small ornamental fruiting shrub about 8 feet high, rounded and spreading, densely foliaged with handsome, little pointed myrtle-like leaves. Loaded every winter and spring with beautiful little golden yellow fruits, of no value to eat, but making splendid marmalade and candied fruits. Quite hardy (15°), it grows easily almost anywhere. Bush form, gal. tins, \$1.25 each.

Eustis Limequat

Eustis Limequat. FC14. A cross between the Lime and the Kumquat. The fruit resembles a light yellow Lime and is thin-skinned, firm, very juicy, almost seedless, and is delicious when used like the Lime for beverage purposes, even the skin being sweet and edible. The tree is small, of rapid upright growth producing fruit almost immediately after planting, and bearing exceedingly heavy crops, the arching branches often being so lined with the beautiful yellow fruits that they arch over with the weight. From January to June the tree will give you and your family hundreds of delicious drinks of vitamin-rich, refreshing limequat-ade. Several degrees hardier than Limes. 2-year trees, \$5.00 each.

Kumquat

Kumquat. FC5. This little semi-dwarf tree from the Orient has a great abundance of its small, golden orange, olive-shaped fruits scattered over its rounded head of deep green foliage during most of the year. The tree seldom becomes more than 8 feet high, bears almost immediately after planting and is perfectly hardy almost anywhere in California. It does not bear well within ten miles of the seacoast but ripens enormous crops everywhere else. Until you have tasted Kumquat marmalade, you have not eaten the best there is. 2-year trees, \$5.00 each.

The Meyer Lemon is hardy almost anywhere in California. See description on preceding page.



Sub-Tropical Fruiting Trees and Plants

One of the most delightful things about owning a home place in California is that you can grow and enjoy so many interesting and unusual tropical and semi-tropical fruits. Some grow on bushes, some grow on trees, and the Armstrong Nurseries for years have specialized in seeking out and growing the best of these unusual fruiting trees and plants which are also most ornamental.

Average shipping weight of sub-tropicals: 5-gal. tins, 50 lbs. each; balled trees, 50 lbs. each; gal. tins, 10 lbs. each. See page 42 for shipping costs.

Armstrong Loquats

The Loquat is much hardier than most other sub-tropical fruit trees and thrives almost anywhere in California except in the mountain and desert regions. Loquats ripen in April and May when other fruits are scarce, and have a sprightly aromatic flavor which everyone enjoys, while Loquat jelly is just about the most delicious thing of its kind. The Loquat is a splendid small spreading evergreen tree for ornamental purposes. Hardy down to 15°.

Price on Loquats: Balled, 2-year trees, \$4.00 each.

Advance. FS21. Large, pear-shaped, deep yellow fruits with delicious juicy white flesh. Possibly the most beautiful tree and one of the heaviest bearers. March to June.

Champagne. FS22. The big yellow-skinned, white-fleshed fruits are exceedingly juicy and richly flavored. Fine for both coast and interior areas. Its zippy, zestful flavor will please you, and it's just right for jelly. March to May.

Gold Nugget. FS24. The glossy, deep orange fruits of this splendid Loquat rate right at the top in appearance and flavor. The orange-fleshed Loquats are much sweeter than the white kinds. They also ripen later and are best suited to the coastal counties, but do very well inland also. The fruit of Gold Nugget will make you smack your lips and reach for more because it is just about the best eating Loquat there is. May to June.

Thales. FS25. Big, orange-colored fruits, borne while the tree is still very young. The sweet, delicious fruits of this variety attain their best quality in the coastal regions. May to June.

The Natal Plum (Carissa)

Natal Plum (Carissa grandiflora). FS1. 5-8 ft. 22°. A lovely large shrub from South Africa, uniquely beautiful in flower, fruit and foliage. The rich glossy green foliage makes a splendid background for the star-like, intensely fragrant, white blossoms and the brilliant scarlet fruits which are about the size of a date or larger. Fruits and flowers appear at all times during the year. Naturally grows to a height of 6 or 8 feet with the same spread, but may be trimmed lower if desired. The fruits are edible, and when cooked they make a delicious jam suggestive of cranberry jelly and plum jam. The plant thrives in the extreme heat of the desert or in the cool moist weather of the coast, and is hardy almost anywhere in California. Plants in gal. tins, 85c each, \$7.50 per 10; 5-gal. tins, \$2.75 each, \$25.00 per 10.

Armstrong Large-Fruited Natal Plum. FS2. This is a fine selected strain of the Carissa described above which has fruit half again as large, beautiful big scarlet fruits that make a magnificent show on the plant and in a bowl. The leaves and the entire plant are a little larger too. The fruit ripens continuously, especially near the coast. Gal. tins, \$1.50 each, \$14.00 per 10; 5-gal. tins, \$3.50 each.

Melons on Trees

Papaya. FS33. One of the most delicious table fruits of the tropics and while too tender for most of California, it will grow and bear fruit in sheltered frostless locations. The luxuriant, large leaved, tropical appearing plants grow with great rapidity and should bear their large, luscious, melon-like fruits within two years. Papayas require a warm, sunny, well drained location with plenty of water and fertilizer and must be kept growing rapidly in order to be a success. We cannot guarantee the plants that we send out to be successful because there are comparatively few locations in which they will thrive in California. Since the male and female flowers of the Papaya are borne on separate plants at least three plants should be planted together in order that at least one of each sex will be present. The plants that we offer are the famous Solo strain from Hawaii. Gal. tins, \$1.50 each; 5-gal. tins, \$4.00 each.



Gold Nugget Loquat

This variety and Thales are the largest and sweetest, while Advance and Champagne have the zippiest flavor and make the best jelly.

The Peruvian Pepino

The Pepino (Solanum muricatum). FS35. 28°. Is a handsome evergreen fruiting shrub from Peru, becoming 3 feet in height, producing from September all through the winter into the late spring quantities of large, oval, bright yellow fruits splashed with violet, 4 to 6 inches in length. The fruits are excellent in salads. Full sun. Gal. tins, \$1.00 each; 5-gal. tins, \$3.00 each.

Surinam Cherry

Surinam Cherry. FS13. (Eugenia uniflora.) 20°. Here is one of the most beautiful of the ornamental fruiting shrubs. A beautiful, glossy leaved, compact plant, branching close to the ground, it is good looking at all times during the year. In the spring it bears big crops of handsome, deep crimson fruits, 3/4 to 1 inch across, like little 8-ribbed tomatoes. The fruits have a delicate aromatic flavor when eaten fresh, make a jelly that rivals that of the guava, and a delicious salmon-pink sherbert. Gal. tins, \$1.50 each; 5-gal. tins, \$3.50 each.

The Natal Plum

Its brilliant scarlet fruits, handsome foliage, and fragrant flowers make it one of California's most popular fruiting ornamental plants.

Rose-Scented Fruit

Rose-Apple. FS39. (Syzygium jambos.) 25°. A mass of broad, thick, shining green and bronze foliage, 8 or 10 feet high, luxuriant and handsome. It bears beautiful small, round, creamy white rose-flushed fruit, 1 1/2 to 2 inches in diameter, deliciously rose-scented, which may be eaten fresh or used to make fragrant jelly or candied fruit. A pink mound of this delicious rose-scented jelly will really cause a sensation when you get it on the table. (The clusters of pink and white fruits make beautiful table decorations too.) The fruits, which are borne in clusters, are preceded by large, showy white flowers. Does best in coastal regions or foothill areas protected from the wind, in full sun or part shade. Likes plenty of moisture. Gal. tins, \$1.00 each; 5-gal. tins, \$3.00 each.



Armstrong Sub-Tropical

Delicious California Cherimoyas

The Cherimoya is considered by many (including ourselves) to be the most delicious of the sub-tropical fruits. Originally from the highlands of Ecuador and Peru, it is now grown throughout the tropical and semi-tropical climates of the world, and everywhere is highly prized for the delicious flavor and quality of the large, green, heart-shaped fruits, which vary from a few ounces to more than three pounds in weight, with smooth, white flesh of the consistency of ice cream. They ripen in winter when fruits are scarce.

Cherimoya trees are fast growing, hardy down to 25°, and require about the same treatment as a citrus tree. They grow rather quickly to a height of from 12 to 20 feet, come into bearing in about three years, and should be planted about 20 to 25 feet apart. Next to the Avocado, we consider the Cherimoya to be the most important commercial sub-tropical fruit because of the exceptionally fine quality of those big, delicious, creamy fruits which everyone likes. They are easy to pick and handle either for home or market use. Newly discovered methods of hand-pollination insure big crops every year (our salesmen will tell you how to do it).

All Cherimoyas, strong trees, \$6.00 each.

Booth. FS7. A big, fine flavored fruit which has proved itself for 12 years in California and has been the most popular of all. From a tree in our growing grounds (now 12 years old) we regularly pick 500 to 600 fruits each year. Next to Deliciosa it is the hardiest.

Ryerson. FS11. Big, smooth, uniform fruits of exceptionally good flavor. Most of its fruit ripens late in the winter and early spring when other kinds are gone. Bears heavily.

Deliciosa. FS8. The most resistant variety to cold and wind, therefore, planted over a wider range. The fruit, though often small, is produced freely and regularly even without hand-pollination. The fruits have curious protuberances which make it difficult to handle for market but do not affect its value as a splendid home fruit. A beautiful looking tree.

Dr. White. FS9. The newest of the Cherimoya varieties and we think it may be the best. Beautiful fruit with three outstanding qualities. (1) Fewer seeds; (2) an unsurpassed, unforgettable flavor; (3) lots of fruit.

Whaley. FS12. One of the big-est fruits of all, sweet and fine-flavored. The tree consistently bears good crops. It is one of the older kinds and is still considered to be one of the finest and most dependable of all Cherimoyas. Three pound fruits are not at all unusual.

Annona senegalensis. FS11A. The fruit of this species is of no value to eat, but its flowers provide a plentiful supply of easy-to-use pollen for hand-pollinating other varieties. One tree will give you all the pollen you need. Hand-pollination is not essential to get fruit on Cherimoyas, but will provide much larger crops.

Strawberry Guavas Are Fine to Eat
Fresh and Famous for Jelly.

Passion Fruit

Passion Fruit. FS34. 28°. It is a splendid ornamental fruiting vine for the home, growing rapidly on fence or pergola. The seed from which our plants are grown are taken from the largest fruiting type and heaviest bearing vines to be found in this State. This is important because inferior strains are sometimes sold. The glistening purple fruits, about the size of a hen's egg, are exceedingly fragrant and may be eaten fresh or used in many table delicacies. Grow your own big purple, fragrant "Easter eggs" and provide a beautiful mantle of glossy, handsome foliage for pergola, wall, fence or buiding at the same time. Gal. tins, \$1.00 each.

Dr. White Cherimoya, California's Most Delicious Sub-Tropical Fruit. This Armstrong Specimen Won a Blue Ribbon at One of California's Biggest Fruit Shows. It is pictured here two-thirds natural size. New pollination methods make it easy to get large crops on Cherimoya trees every year.

The White Sapote

White Sapote is a strong growing evergreen tree, considerably harder than most of the subtropical fruits, and thriving anywhere in California where the Orange tree grows. Trees bear enormous crops of fruit which look like green apples, usually ripening in summer.

The fruit of the Sapote is very easily digested and contains much pepsin. The soft flesh has a rich peach-like flavor, and is delicious to eat any time. The tree of the White Sapote makes a beautiful evergreen shade tree for the home place. Its big, five-fingered leaves are always handsome, and you never have to worry about fruit because it never misses a crop, usually starting to bear three or four years after planting. Hardy down to 20°.

Strong, balled trees, \$6.00 each.

Coleman. FS35A. Big, round, green fruits of surpassing quality. We know of nothing better in good Sapote flavor. A spreading tree.

Wilson. FS38. A tall, slender tree with big, luxuriant foliage. It bears heavy crops of large fruit about the size of a big green apple, ripening continuously from August through to late January. A Wilson tree will often bear as many as 1,000 lbs. of fruit in one season—and delicious fruit, too.

California Olives

Olives will do well almost anywhere in California, thriving with a minimum of care and water. Hardy down to 10°. From northern Sacramento Valley down into Old Mexico, Armstrong Olive Trees are making money for their owners.

Right now Olives are California's best paying orchard crop, and the owner of an Olive orchard is in an extremely fortunate position. Few commercial plantings have been made in recent years and the outlook seems to be good for a long time to come. Pickled olives, both ripe and green, and olive oil made from California olives, are worth almost their weight in gold. And best of all for California, our climate gives this State almost a monopoly on olive production.

Prices for Bare Root Olive Trees*
(All trees pruned back to 3 ft.)

	Each	Per 10
1/2-5/8 in. caliper.....	\$1.90	\$17.50
5/8-3/4 in. caliper.....	2.15	20.00
3/4-1 in. caliper.....	2.75	25.00
1 in. caliper.....	3.25	30.00

Write for prices on 25 or more trees.
Best time to plant, February to June.

For Ornamental Planting

For ornamental planting we have 5 to 6 foot trees established in 5-gal. tins, unpruned, \$4.00 each, \$37.50 per 10. Also large boxed specimens available, \$35.00 to \$75.00.

Shipping Weights for Olives: 1/2-5/8 and 5/8-3/4 inch sizes, bare root, 2 lbs. for the first tree, 1 lb. for each added tree; 3/4-inch size, bare root, first tree 4 lbs., 2 lbs. for each added tree. 5-gal. size, 50 lbs. See page 42 for shipping instructions.

Olive Varieties

Manzanillo. FS30. The leading commercial variety for pickled ripe olives and a good kind for oil too. Bears very heavy crops and the rich dark purple fruit is a little larger than Mission.

Mission. FS31. Old trees of this variety are still bearing well at some of the Missions where they were planted by the original Spanish Padres. Probably the best oil olive and good for pickles too. It only takes 53 pounds of Mission olives to make a gallon of oil, and the demand for olive oil is enormous now.

Sevillano. FS32. The famous "Queen Olive," gigantic in size and exceptional in quality. The trees are hard to propagate, therefore priced at 25c each more than other varieties.



Fruiting Trees and Plants

Feijoa (Pineapple Guava)

Giant-fruited, grafted varieties of the popular fruiting ornamental shrub, the Feijoa, have long been an Armstrong specialty. A bowl of big, green Armstrong Feijoas will fill your living room with a delightful aroma which lasts for days and is like the fragrance of pineapple, strawberries, bananas and quince all thrown together. The fruit is good to eat too, fine for salads and sherberts.

The plant of the Feijoa is handsome, the leaves glossy green on top, silvery gray underneath, with showy red flowers in spring. Becomes 15 feet high but easily kept lower by pruning. Makes fine big hedge. Fruit ripens in the fall. Hardy down to 5°. Do not confuse ordinary Feijoa seedlings with the large-fruited grafted varieties which we offer. The seedlings usually bear small fruit or may not bear at all. For an ornamental which also bears fruit, it is difficult to beat the Feijoa, especially when it will grow easily and quickly in any California garden no matter what the soil or conditions may be.

All varieties listed: Gal. tins, \$1.50 each; 5-gal. tins, bushy, \$3.50 each.

Armstrong Grafted Feijoa Varieties

Choiceana. FS15. The fruit is the size of a large hen's egg, 3 inches by 2 1/4 inches. This variety is the very finest Feijoa, but Coolidge or Superba must be planted with it to insure cross-pollination.

Coolidge. FS16. A long oval fruit, not quite as large as Choiceana or Superba, but which never fails to bear a crop even when planted by itself because the flowers do not need cross-pollination.

Superba. FS17. Beautiful, big, round fruits, almost as large as a billiard ball. Must have another variety with it to insure cross-pollination.



Coolidge Feijoas

M-M-M-M. What a Heavenly Aroma They Have!

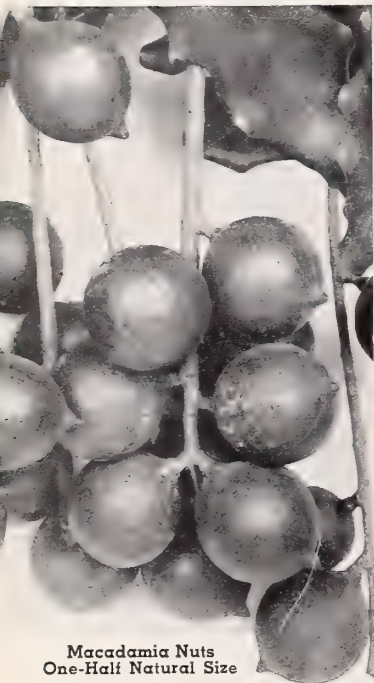
Guavas

For eating fresh and for jelly the Strawberry and Yellow Strawberry Guavas are the finest small fruits that can be grown in California. They all make very handsome ornamental shrubs with their beautiful evergreen foliage, and are splendid for a medium-sized hedge. Ripen September to November.

Strawberry Guava. FS19. 5 ft. 20°. Handsome, glossy-leaved medium-sized shrub producing an abundance of luscious deep red fruits about the size of a large strawberry, highly prized for eating when fresh and unequalled for jelly. Hardy and easily grown anywhere in California. For a real treat for all the family, a clump of two or three, planted as ornamental shrubs, will be one of the finest improvements that can be made in any home garden. Gal. tins, \$1.00 each; \$9.00 per 10; 5-gal. tins, \$3.00 each.

Yellow Strawberry Guava. FS20. 17°. Similar to the above but the yellow fruit is slightly larger and has the finest flavor of all the Guavas. Gal. tins, \$1.00 each, \$9.00 per 10; 5-gal. tins, \$3.00 each.

Lemon Guava. FS18. 26°. Very large fruits, as big as a pear. The flavor, is a bit strong. Grows rapidly to 6 or 8 feet, has large, light green leaves and is more tender than the above two varieties. Did you know that Lemon Guavas were the most potent source of Vitamin C among all fruits? Much better than buying pills at a drug store. Gal. tins, \$1.00 each, \$9.00 per 10.



Macadamia Nuts
One-Half Natural Size

Macadamia Nuts

Macadamia. FS26. An evergreen sub-tropical nut tree from the Eastern coast of Australia, with a dense rounded head of long narrow dark green leaves, attaining a height of 20 to 35 feet. The nuts are about 1 1/4 inches in diameter, round and hard shelled, with a tender white kernel very rich in flavor; and are usually borne in considerable quantity, hanging on the trees like big bunches of grapes. The trees usually begin to bear in 3 to 5 years from time of planting. They are healthy, vigorous and easily grown almost anywhere in Southern California except in the very cold sections. Hardy down to 26°. The Macadamia is a beautiful ornamental tree for shade alone, and when you consider its crop of delicious nuts, it becomes doubly valuable. 5-gal. tins, \$5.00 each.

Plant Sub-Tropicals Anytime

The black squares under every month in the planting calendar below indicate that you can plant sub-tropical trees either balled, bare root or from gallon tins during any month in the year (spring months are slightly preferable.)

Month	J	F	M	A	M	J	J	A	S	O	N	D
	■	■	■	■	■	■	■	■	■	■	■	■

Wilson Sapote

Shown here is a young tree, but it's already bearing very heavily. It makes a fine medium-sized shade tree for any Southern California garden. The fruit shown below is from 2 to 4 inches across and ripens continuously over many months.



The Tropical Mango

Mango. FS27A. 30°. That delicious fragrant and most famous of all tropical fruits, the Mango, grows and bears well in the frostless coastal and foothill regions of Southern California. Trees must be kept well mulched and given plenty of water. The plants that we offer are selected seedlings which are quite uniform in the type of fruit borne. We have found that they bear quite young, some of them having already fruited in the containers. We pick delicious fruits every year from similar seedling trees grown within 10 miles of Ontario. Plants in 5-gal. tins, \$6.00 each.

The Longan

Longan. FS14. (Euphoria longan.) The famous Litchi nut is a little too tender for our climate, but the Longan, a very close relative, makes a beautiful tree here and will bear very well. Medium sized, evergreen, its glossy foliage is particularly handsome in the winter and spring when it is covered with reddish-mahogany young growth. The fruit looks like a big, round, yellow-brown cherry, and the juicy, white, delicately flavored flesh is delicious. The tree likes a good deal of water and is happy in all of the coastal and milder foothill regions of California. Gal. tins, \$2.00 each.

When ordering, always include both name and code number of each item on your order sheet.



Armstrong Apples

You Need This Information

All of the deciduous fruit and nut trees listed on pages 10, 11, 12, 13, 14, 15, 16, 17 can be planted only during the months indicated below by a black square.

Month	J	F	M	A	M	J	J	A	S	O	N	D
Bare Root	■	■	■	□	□	□	□	□	□	□	□	□

When to Plant. Deciduous trees (those listed on pages 10 to 17) should be transplanted during their dormant season, January, February and March. They are safely transplanted without dirt round the roots (the best method) only during this dormant season.

Planting Instructions. Our planting instructions are sent with each order and should be read before unpacking the trees. They have been carefully prepared on the basis of our many years of experience and contain helpful hints. Use tree protectors or tree white to avoid danger of sunburn. (See page 38.)

Pruning. All trees should be pruned back severely before planting. On small orders we do this for you unless you request otherwise. The trees grow much more rapidly and there is much less danger of loss in transplanting if the trees are pruned back severely. It is risky not to prune them.

Quantity Prices. Ten of one variety (for example, 10 Delicious Apples, 10 Babcock Peaches) sold at the 10-rate. We can supply certain varieties in quantities of 10 or more at lower rates. Please write for quotations.

Distance Apart to Plant. See the table on page 38.

Shipping Weights. See shipping costs on page 42. Allow for Apples, 5 lbs. for first tree, 3 lbs. for each additional tree; for Peaches, Apricots, Plums, Almonds allow 3 lbs. for first tree, 1½ lbs. for each additional tree.



The New Valmore Apple

Crisp, Juicy Apples—Fine for Shade Too

Select Varieties Carefully

It is very important that you pick the right Apple variety for your locality. Yellow Delicious, Winter Banana, Yellow Bellflower, White Pearmain, Rhode Island Greening, Red Astrachan and the new Valmore all do excellently in the lower altitudes of Southern California. Transcendent Crab bears well there, too. The late red apples should be planted in the foothills and mountains, where it gets cold during the winter, to get satisfactory results. Most apple varieties require another apple variety planted with them for cross pollination, to secure good crops. As a rule any combination of varieties is satisfactory for this purpose.

Remember that Apple trees are excellent ornamental shade and flowering trees too.

Prices On Apples

(Except Valmore, Yellow Delicious and Transcendent Crab)

Strong trees, \$1.50 each, \$13.50 per 10. Ten of one variety sold at the 10-rate.

Shipping Weight on Apples: 5 lbs. for first tree, 3 lbs. for each additional tree.

Listed in Approximate Order of Ripening

Southern California's Finest Red Apple

Valmore, FD12. This beautiful, new summer ripening apple is a splendid addition to those varieties which thrive under Southern California conditions, ranks right along with Winter Banana and White Pearmain in its consistent bearing qualities in this area. It bears heavy crops in San Joaquin Valley too. The big, round fruits of Valmore are magnificently colored, in fact, we have never seen a finer looking apple than these bright red fruits, with their underlying golden yellow color, often striped and blotched with scarlet and yellow on one cheek. Valmore is deliciously flavored, sweet and juicy, making delicious apple sauce and apple pie. Since there are few red-cheeked apples that we can definitely recommend for the lower altitudes of Southern California, we suggest including it with every home planting. Plant Pat. No. 238. \$1.75 each, \$16.00 per 10.

Early Apples

Red Astrachan, FD9. Nearly covered with large crimson stripes; juicy, crisp, and rich in flavor. A heavy bearer, it has been Southern California's most dependable early summer Apple and a popular Apple everywhere for many years. July.

Red Gravenstein, FD9A. The new Red Gravenstein is all red stripes and far more colorful than the old favorite. The large round fruits are of the same high quality. The earliest commercial apple and a seacoast favorite. August.

Winter Banana, FD14. The large, clear wax yellow apples with their delicate pink blush are beautiful in a bowl of mixed fruit. Whether you reach for one to eat fresh, to put in a pie or bake, you will be impressed by the unusual flavor. The taste is what the enticing aroma promises it will be. Dependable in all districts, including the coast. You will get a crop every year. August.

Famous Yellow Delicious

Yellow Delicious, FD16A. For getting out of hand we cannot recommend a finer apple. When you bite through the golden yellow skin deep into the crisp sweet flesh you quickly discover that in Southern California apples can be grown which are tops in flavor. Much juicier than the average Red Delicious apple, you will be impressed with the character of the flavor—sweet but full of apple tang. Yellow Delicious starts to bear young and can be relied upon to produce heavy crops in areas not considered apple country. September. \$1.75 each; \$16.00 per 10.

Rhode Island Greening, FD10. The favorite green apple of the entire country. Large, round, yellowish-green, with juicy mellow flesh. For cooking purposes it is unexcelled. October.

Yellow Bellflower

Yellow Bellflower, FD16. A standard market variety of California, best in the coast valleys. Oblong fruits with a pale yellow waxen skin, beautifully blushed on one cheek. Oct.

To avoid errors in filling your order, please include on your order sheet both the name of the item and the code number.

Late Apples

Jonathan, FD8. One of the best apples grown. Brilliant red striped with carmine, almost round, with crisp white flesh. Only to be grown in good apple sections. October.

Delicious, FD7. Everyone knows Delicious, a magnificent variety of fine appearance and delightful flavor; large, conical, brilliant red, slightly splashed with yellow; flesh fine grained, crisp, and juicy. November.

White Pearmain, FD15. An oblong greenish-yellow apple, medium to large, juicy and mildly flavored. It bears well and has long been a standard variety, particularly for cooking. A good keeper. November.

Winesap, FD13. A standard late red apple, round, beautifully colored, and of splendid quality, but in Southern California suitable only for the higher altitudes. December.

Flowers and Crab Apples

Transcendent Crab Apple, FD11. We are not sure but that for most of Southern California this is the finest Apple tree that you can plant on the home grounds. First of all, of course, it produces enormous crops of beautiful medium-sized yellow fruits, handsomely striped with red, which make the finest kind of jelly, preserves and spiced pickles. It bears so heavily because it adapts itself to mild winters. It is also the most beautiful of all Apple trees when in bloom in the spring, and provides plenty of cut sprays. Third, it has very handsome dense foliage and makes a very nice looking small summer shade tree. August. \$1.75 each, \$16.00 per 10.

Now Three Display Yards

All genuine Armstrong products can now be obtained not only at our Ontario Display Yard but at our Branch in North Hollywood, corner of Magnolia Boulevard and Coldwater Canyon Avenue, and our newest Branch in Culver City on Sepulveda Boulevard, five blocks below Washington Boulevard. If you find it difficult to visit our yards send your order in by mail. We will get the plants safely to you by the best available transportation, whether it be mail, express, freight, or our own trucks.

Armstrong Peaches

Peaches can be enjoyed every summer over a long season from early to late if you carefully select your varieties. All peaches listed in order of ripening. All are freestone, unless otherwise stated. See prices after each variety.

The New Robin

Robin. FD62A. A glorious new early peach from the Armstrong Research Department, ripening weeks before any other good early peach (one month before Babcock). A beautiful red-cheeked, white-fleshed, medium sized fruit, semi-freestone, so handsome it will make your mouth water to look at it. Deliciously flavored, the fruit is firm, easily handled, and best of all, ripens a very heavy crop every year in Southern California. They start to bear while very young, sometimes the first year after planting. Robin trees available this year for planting only in San Bernardino County, San Diego County, western Riverside County (including Beaumont, Banning) and eastern Los Angeles County. In the spring of 1946 trees will be available for all sections. Ripens early June. Plant Pat. No. 529. \$1.75 each, \$16.00 per 10.

Australian Saucer. FD48A. This little early white-skinned, white-fleshed Peach gets its name from its peculiar flat shape; exceedingly sweet, juicy, and delicious. It ripens a large crop always, and is very satisfactory for warm winter climates. June. \$1.35 each, \$12.00 per 10.

Handsome Redwing

Redwing. FD61A. Several intensive years of research in our Plant Hybridization Department have given us a new heavy bearing peach, ripening at the same time as Babcock, but, in our opinion, a much superior variety. It is much larger in size, much more beautiful in color, with brilliant red stripes and blotches, and the white flesh has a most delicious flavor, nicely balanced between acid and sweet, which should please almost everybody. The fruit is firm, holds on for a long time, and although it ripens a few days before Babcock, it will hold on the tree just as long as that kind. We consider it to be, from our observation of it up to this time, a highly improved Babcock, which may entirely displace the latter variety because of its larger size, more delicious flavor and more beautiful color. And, of course, it does what every new Armstrong Peach has to do, bear a big crop every year regardless of winter temperatures. Plant Pat. No. 621. \$1.75 each, \$16.00 per 10.

So. Calif.'s Favorite

Babcock. FD49. For some years past Babcock has been Southern California's most popular peach for both home plantings and market orchards. The fruit is small to medium, beautiful in appearance, with bright red cheek, and stays firm and attractive for many days after picking. The trees sometimes bear the first season after planting, grow rapidly, and bear big crops every year. The beautiful, red-cheeked fuzzless fruit has juicy, sweet, white flesh of excellent quality. Babcock trees set so many fruit that they must be thinned heavily to get size. Early July. \$1.35 each, \$12.00 per 10.

Socala

Socala. FD630. A promising new and consistently heavy bearing peach which originated at Ontario a few years ago and by reason of its very heavy crops, early ripening season and high quality peaches, has created a considerable demand for itself. The fruit is large, pale yellow, with a pronounced red blush, usually round but often elongated. The flesh is yellow, slightly pink at the pit, sweet, juicy and of excellent flavor. It was its ability to bear heavily every year which brought Socala into prominence in the first place. Ripens two or three days later than Babcock. The fruits are very fine for home use, and have made a good showing in the markets. Early July. \$1.50 each, \$13.50 per 10.

Early Elberta. FD52. This early ripening yellow Peach is now much more widely planted in California than its later ripening namesake Elberta, and both for home and market we can recommend it highly. The medium size fruit is almost round, yellowish, with a rich red cheek and a beautiful orange-pink cast to the skin. The flesh is of excellent quality, almost clear yellow, very firm so that it makes an excellent shipping peach. Produces a crop every year in Southern California. Middle July. \$1.35 each, \$12.00 per 10.

C. O. Smith. FD50. It will never fail to provide a large crop of beautiful peaches every year in the mild wintered sections of the southwest. Too soft to be a commercial variety, it is a wonderful Peach for home use. Its richly flavored, juicy white flesh is delicious. \$1.35 each, \$12.00 per 10.



The heavy bearing Babcock Peach.



Golden Blush. Best Mid-August Freestone

Weldon

Weldon. FD63B. Originated by and named after George P. Weldon, of Chaffey College, who was also responsible for demonstrating the value of the Babcock. A handsome medium sized peach, yellow-skinned with a bright red cheek. The flesh is yellow, juicy and sweet. Too soft for commercial planting, but a splendid new home yellow freestone that will give a big crop every year. Late July. \$1.50 each, \$13.50 per 10.

Hermosa

Hermosa. FD56A. Another one of those new Southern California peaches that are going to shove the old ones into the background. A beautiful big white-fleshed, pink-cheeked fruit originated by Dr. Lesley, of the University of California. Enormous in size, it bears extraordinarily heavy crops of the most taste-appealing, eye-enticing peaches imaginable. Probably too tender for shipping, it is a splendid home peach and one of the finest to look at and bite into that you ever saw. Early August. \$1.75 each, \$16.00 per 10.

Golden Blush

Golden Blush. FD56. The beautiful big fruits, slightly more elongated than round, are beautifully blushed with red, and in flavor and juiciness far exceed the better known J. H. Hale or Elberta. Time after time when mild winters cause the older better known kinds to set a poor crop of fruit, Golden Blush is heavily loaded. Its exceptionally fine quality, appearance and free bearing habit lead us to recommend it not only as a splendid home peach but a fine commercial variety as well. Middle August. Plant Pat. No. 473. \$1.50 each, \$13.50 per 10.

Elberta

Elberta. FD54. Has been for many years, and still is, one of the finest Peaches. The name Elberta is almost as well known as the Peach itself. Good sized, oval, yellow fruits with red cheeks, juicy and well flavored. The only thing against it in Southern California is its tendency to bear a light crop following one of our mild Southern California winters. Middle August. \$1.35 each, \$12.00 per 10.



Redwing, the new peach that is larger and better flavored than Babcock.

Late Ripening Peaches

Smack Your Lips on Sunglow Peach

Sunglow. FD63A. This delicious yellow freestone will make you smack your lips in earnest. Beautiful golden yellow outside with a delicate red blush and clear deep yellow flesh inside. It is extraordinarily rich in flavor, as well as being juicy and firm. Another new creation from Dr. Lesley of the University of California. Like all Dr. Lesley's new hybrids, you can count on it for a big crop every year under Southern California conditions. Middle August. \$1.75 each, \$16.00 per 10.

J. H. Hale. FD57. This long-famous and popular variety has stayed at the top because of its exceptional appearance. Big, round fruits, with beautiful yellow skin, richly marked with deep red and carmine. Although of excellent quality and good bearing habits in most of the country, it has light and irregular crops in the lower altitudes of Southern California. The new Golden Blush will give you more and better peaches in that area. Middle August. \$1.35 each, \$12.00 per 10.

Rio Oso Gem. FD62. Just as fine in appearance as the famous J. H. Hale, but ripens two weeks later and is much superior in quality. The fruit is very large, round, and brilliant dark crimson in color shading out to orange-red. The flesh is yellow, firm, and richly flavored. The first choice for profitable planting now in the Yucipa-Beaumont district. Late August. Plant Pat. No. 84. \$1.50 each, \$13.50 per 10.

Curlew. FD50A. The only September or October peach that we can definitely state will have a big crop every year in Southern California. Not only that, but it's one of the best looking and best eating peaches that we have ever tasted. Orange-yellow, beautifully blotched with red; yellow flesh, red at the pit; with a delicious, mild flavor, sweet and rich. Very juicy—something which most late peaches are not. For a late freestone, we think it's a whiz! Plant Pat. pending. Late September. \$1.75 each, \$16.00 per 10.

Millers Late. FD60. This late variety has absolutely no competition in its season. A fine large, yellow freestone, and a heavy bearer. With this variety you'll have fine Peaches almost up to Thanksgiving. October-November. \$1.35 each, \$12.00 per 10.

Canning Peaches

Sims Cling. FD63. Sims Cling is the leading commercial canning cling of Southern California because it bears consistently there and is of very fine quality. Fruit larger than average, golden yellow outside and in; flesh clear yellow to the pit. For home or commercial planting, it is dependable. Late August \$1.35 each, \$12.00 per 10.

White Heath Cling. FD64. Creamy white, blush on sunny side; flesh white, tender, juicy and delicious. There is nothing more delicious than home canned white peaches. September. \$1.35 each.

Fontana Cling. FD55. Mr. George P. Weldon, of Chaffey College is very proud of his new Cling Peach, Fontana, and we agree with him that it is a big step forward in clingstones for this section. Slightly smaller than Sims, they are more uniform in size, a rich deep orange-yellow inside, and unquestionably bear much heavier crops, never missing. Early September. \$1.35 each, \$12.00 per 10.

Royal—the Finest of All Apricots



There Is a Difference



Both of these trees were planted at the same time. The tree on the right is a Babcock; that on the left is a J. H. Hale. They were both planted in the same orchard in February, following a mild winter, and the photograph was taken in July of the same year. The Babcock tree was not injured by the mild winter and has made an enormous growth. J. H. Hale, being susceptible to delayed foliation following a mild winter, did not leaf out normally and almost a year's growth was lost. The same thing happens to mature trees, causing a loss of the crop on J. H. Hale and similar varieties but not affecting Babcock, Robin, Early Elberta, C. O. Smith, Weldon, Redwing, Hermosa, Golden Blush, Sunglow, Curlew and Fontana.

Delicious Apricots

Apricots ripen early in the summer before most other fruits are ready, and to enjoy their mellow golden goodness to the full, you almost have to pick them right from your own tree, fully ripened in the sun. Boy! they're really good then to eat fresh, and there is nothing finer for home jams and preserves either alone or mixed with other fruits. Apricots make perfect small backyard shade trees. For this purpose prune the lower branches off as the tree grows.

Prices on all Apricots: \$1.50 each, \$13.50 per 10. Ten trees of one variety sold at the 10-rate.

Earliest to Ripen

Earligold. FD16B. The earliest fruits always taste the best, and Earligold beats all other Apricots by many days, and it beats them all in the quantity of fruit that it carries because it is resistant to delayed foliation and ripens a big crop every year in Southern California, which is more than you can say for other kinds. The fruit is medium sized, rich golden apricot color, and the flesh is sweet, juicy and melting. If you want to eat apricots before they are on the market, and good ones, plant Earligold.

The Favorite Apricot

Royal. FD19. The leading Apricot for commercial planting and for the home. Medium size, skin orange yellow, often with a red check; flesh deep orange, rich and sweet. A very heavy bearer. If planting but one Apricot tree, we recommend Royal as being the variety to choose, for it will prove most satisfactory in all sections, from coast to inland valleys, and aside from Earligold, it is the variety most certain to produce a good crop for you every year. Early June.

Moorpark. FD18. If you want the finest flavored and best quality apricot to eat, this is it. The large, round, deep apricot fruits, blushed on the sunny side, are unbelievably delicious. A shy bearer in the interior districts but exceptionally fine on the coast. Early July.

Tilton. FD20. One of the largest and most beautiful of all Apricots, heart-shaped, with a beautiful, deep rich apricot color. The fruit is very richly flavored, sweet and juicy. A shy bearer in coastal regions but particularly fine in the interior valleys, and the very latest apricot to ripen. Early July.

Unique Espalier Fruit Trees

Espalier Fruit Trees, those unique and interesting trees which are trained to have two flat sides, lend an unusual and beautiful note to any home planting when placed against walls, fences or in patios. They produce quantities of excellent fruit, often larger and more highly colored than that grown on ordinary trees. We have Apples, Figs and Dwarf Pears in well trained 3 and 4 year specimens for \$12.50 each. Grapes, 3-year, 6 to 7 foot standards, \$7.50 each.

Armstrong Nut Trees

Walnuts

Walnuts grow vigorously and bear heavily everywhere in California except in the high mountains and the desert areas. They make a wonderful shade tree for the home, but give them plenty of room.

Price on all Walnuts, large trees: \$3.00 each, \$27.50 per 10.

Average shipping weight for Walnuts, 6 lbs. for first tree, 3 lbs. for each added tree. See shipping weights on page 42.

Placencia, FD104. The Placencia is the most popular Walnut in Southern California. The nuts are roundish oval, smooth, with a thin strong shell, of the most desirable medium size. Exceptionally large crops.

Eureka, FD101. Very large, elongated nuts, heavy and well sealed; cream colored, plump, waxy kernels. A better quality nut than Placencia but does not bear as young nor so heavily. More resistant to heat and frost than Placencia.

Payne, FD103. A very popular commercial Walnut in the valleys of California because of the extremely early and heavy crops borne by the young trees and because of its hardiness. Exceptionally high quality.

Franquette, FD102. Owing to its lateness in blooming, its hardiness and dense foliage, this variety is favored in colder sections. The nut is large, elongated, smooth, tightly sealed.

Willson Wonder, FD104A. Called the "Jumbo Walnut" because of its enormous size, the nuts often measuring more than 2 inches in diameter. The trees bear young and heavily and are very hardy.



Thomas Black Walnut (Note Thin Shell)

Filberts

Filberts (Hazelnuts) make large bushes and thrive in cool moist areas. In regions of hot summers they do not bear well. Two (or better yet three) varieties must be planted together to insure cross-pollination. We have **Barcelona FD39** (the best variety), also **Du Chilly FD40** and **Davidiana FD39A**. \$1.50 ea.

Shipping weight on Filberts: 4 lbs. for first tree, 2 1/2 lbs. for each additional tree.

Big Plump Brown Chestnuts

The Chestnut does particularly well in California, producing very heavy crops of nuts even while young and making beautiful ornamental shade trees with dense, dark green foliage and symmetrical tops. Heavier crops will be secured by planting two varieties.

Shipping wt. on Chestnuts: First tree 5 lbs., each added tree 3 lbs.

Marron Combale, FD29. Great handsome mahogany-brown nuts of the highest quality produced in enormous quantities on a very large and magnificent tree. The nuts are excellent for roasting. \$3.50 each, \$32.50 per 10.

Marron Quercy, FD30. A splendid Chestnut with fine big dark colored nuts, borne in enormous quantities even while the tree is very young. It is a smaller tree than Marron Combale and more adapted to locations where the space is limited. We picked 50 nuts from a one-year old tree. \$3.50 each, \$32.50 per 10.

Colossal, FD28A. The biggest nut of all, very sweet and of excellent quality. The tree makes a beautiful rounded head with handsome big foliage. \$3.50 each, \$32.50 per 10.

Chinese Chestnut, FD28. These Chinese Chestnuts (seedlings) make beautiful big round-headed spreading trees, and while the nuts vary slightly in size and quality, they are characteristically much sweeter than European Chestnuts. The nuts shell out with the greatest of ease. \$3.50 each, \$32.50 per 10.

Almonds

Almonds are one of spring's most beautiful flowering fruit trees. To get plenty of nuts, you have only to plant the right combinations to enable successful pollination to take place. One Almond tree will rarely bear alone. Good combinations are Nonpareil and Drake, Nonpareil and Texas, Jordanolo and Ne Plus Ultra, Texas and Drake.

Price on all varieties, strong trees: \$1.35 each, \$12.00 per 10.

Shipping weight for Almonds 3 lbs. for first tree, 1 1/2 lbs. for each additional tree. See shipping weights on page 42.

Jordanolo, FD3. A new Almond which we highly recommend for Southern California because of its resistance to delayed foliation and its extremely heavy bearing habit which is in evidence wherever it is planted in California. A very large, vigorous tree, with heavy, dense foliage, bearing abundant crops of large, long, soft-shelled nuts of a superior quality, shelling out easily. Pollinizer, Ne Plus Ultra.

Drake, FD1. Bears well and adapts itself to all almond districts. Medium size, almost round, with a medium soft shell, plump and well filled. A good pollinizer for Nonpareil or Texas.

Nonpareil, FD5. Probably the most valuable commercial Almond for California because it bears uniform heavy crops, does well almost everywhere, and because of its large, smooth, plump kernel and its paper-thin shell. Pollinizer, Drake or Texas.

Ne Plus Ultra, FD4. Chiefly valuable because of its attractive outside appearance and generally large size. The nuts are large and long with a soft corky shell. Plant with Jordanolo.

Texas, FD6. Produces extremely heavy, consistent crops of small, soft-shelled plump nuts, excellent for shelled kernels. A good pollinizer for Nonpareil and Drake.

Eastern Black Walnuts

Thomas, FD106. No nut has ever surpassed the old Eastern Black Walnut for flavor, but the kernels were very difficult to pick out of those hard shells. This new selected strain of the Black Walnut grows easily into a beautiful big tree in California. The nuts have all the old delicious rich flavor but are comparatively thin-shelled and crack easily. We picked a big crop last summer in our own orchards from young trees. \$4.00 each, \$37.50 per 10.

Stabler, FD105. This variety has the largest nut of all the selected strains of Eastern Black Walnut. A medium sized tree with thin-shelled nuts from which the meats are easily removed when cracked. Often starts to bear the second year after planting. \$4.00 each, \$37.50 per 10.



Pistachio Nuts as They Look on the Tree

Pistachio Nuts

The knowledge of most people concerning the Pistachio is that it has a nice green color and imparts a very pleasant flavor to ice cream. It is less generally known that Pistachio Nut trees will thrive in California wherever the fig and olive do well. They are hardy deciduous trees of small size, the nuts appearing in large clusters like a loose bunch of grapes. California and Arizona are the only two states where they have been successfully grown. Those fortunate few planters who have Pistachio trees in bearing now are really cashing in as the nuts sell for a very high figure.

Nuts are borne only on the female trees and at least one male to each 10 trees or less is necessary for pollination. We have two excellent nut bearing varieties, **Aleppo FD96** and **Bronte FD97**, and the pollinizer, **Kaz FD98**. Large balled trees, \$4.00 each, \$37.50 per 10. **Shipping weight on Pistachios (with ball of earth on roots), 60 lbs. each.**

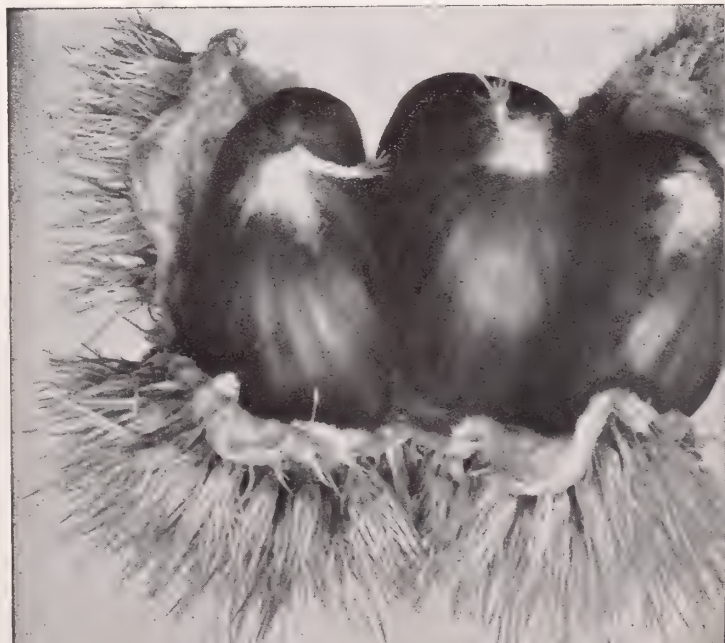
Something New in Nuts

McAllister Hiccan, FD42. An interesting hybrid of the Pecan and the Hickory. The nuts on this tree are so big that you have to back away a couple of feet to get a good look at them. They are fairly thin-shelled and good quality. Young trees are growing in California and we have picked nuts each year from a tree in our orchard since it was 3 years of age. Do not expect it to be a heavy bearer, but you should get a few extraordinarily large nuts on it, and you'll be surprised at the beauty of the big, glossy leaves and the enormous vigor of the tree, which make it worthwhile as a handsome ornamental summer shade tree. \$4.50 each.

Shipping Weight

See shipping weight of all fruit trees under each heading. See shipping weights on page 42 to determine whether your shipment should go by mail, express or freight and what the shipping cost will be.

Big Brown Marron Combale Chestnuts



Armstrong Pecans

Pecans make a beautiful, large, tall summer shade tree for the home, anywhere in California. We recommend their planting for commercial orchards, however, only for those inland areas where high summer heat and a long growing season are experienced because only in such areas do they bear large crops. Within ten or twenty miles of the coast they make beautiful trees but are likely to bear light crops. We have found that the Nellis Pecan usually bears quite well near the coast. All of the pecan varieties that we offer will bear by themselves and do not require cross-pollination.

Mahan is by far the outstanding pecan for either home or orchard planting because of the extraordinary size and high quality of its nuts. Pecans should be well irrigated throughout the dry season. All of our pecan trees are pruned back severely to 24 or 30 inches when dug and shipped for planting. This is necessary to get good results.

Price on all Pecans except Mahan:

	Each	Per 10
1-yr., up to 3/4 in. caliper...	\$3.00	\$27.50
2-yr., 3/4 in. caliper & up...	4.00	35.00

Write for prices on 50 or more trees.

Shipping Weight on Pecan trees: First tree 6 lbs., each added tree 3 lbs. See page 42 for shipping costs.

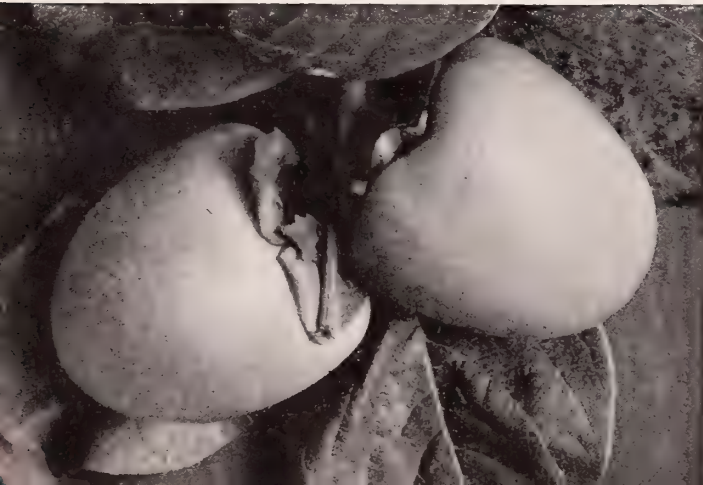
Burkett. FD73. A valuable Pecan for California and Arizona, producing exceptionally heavy crops. The nut is large, round, very thin-shelled, the whole meat coming out very readily. For the hot inland valleys this is the heaviest producer, next to Mahan.

Caloro. FD74. The nut is very large, long and tapering and cracks and separates from the shell easily and perfectly. Next to Mahan, this is the most beautiful of the pecan trees that we offer, growing tall and slender with beautiful large, luxuriant, shade-giving foliage. It bears well only in the hot interior valleys where the growing season is long.

Best for Coast

Nellis. FD76. If you live in the coastal counties of California, you'll be safest in planting this variety because from actual experience it produces excellent crops in coastal areas where other varieties are not entirely successful because of the lack of summer heat. The long, thin-shelled nuts shell out easily and are of excellent quality. For 12 straight years Nellis pecans have won First Prize for Pecans at the big L. A. County Fair (not held during the war). On both Nellis and Mahan there is never a trace of the bitter corky placenta which sometimes sticks to the nut portion of other pecans. Nellis does well inland too.

Beautiful scarlet Hachiya Persimmons, shown here 1/3 natural size.



The World's Finest Pecan—Mahan

Prices on Mahan Trees

	Each	Per 10
1-yr., up to 3/4 in. caliper...	\$4.50	\$42.50
2-yr., 3/4 in. caliper & up...	6.00	55.00

Mahan. FD75. The sensation of the Pecan world is the gigantic Mahan. The nuts of the Mahan are enormous, averaging 2 1/2 inches in length and the paper thin shells, cracking almost as easily as a peanut, are completely filled with richly flavored kernels. They average 31 nuts to the pound—an amazing figure.

The Mahan is a strong growing tree, bearing at a younger age than most Pecans, and producing heavy crops. In the Yuma Pecan District it has largely superseded other varieties, and while trees in other sections of California are still young and comparatively untried, we have had excellent reports from these young trees from all over the State. Mahan is a magnificent, luxuriantly foliaged, fast growing shade tree for the home, in addition to its amazingly large nuts.

Mahan trees start to bear at an earlier age than other pecans, sometimes only two or three years after planting. When you get that first cluster of gigantic nuts, so large that you can hardly believe them real—when you see how thin the shells are and how easily the big whole kernels come out and what a wonderful flavor they have, you'll understand why the Mahan has pushed all other pecans into the background.

Success. FD77. This has been the most widely planted of all Pecans in Southern California and the finest and oldest bearing trees are of this variety. You'll be almost certain of a good crop no matter where you plant this kind, for it is a remarkably sure all-climate pecan. A beautiful big tree too. Nuts large, oblong, with medium thick shell and a fine-flavored kernel.



Mahan Pecan, natural size.

When to Plant Fruit and Nut Trees

All of the nut and deciduous fruit trees listed on pages 10, 11, 12, 13, 14, 15, 16, and 17, can be planted only during the months of January, February and March, as shown below.

Month	J	F	M	A	M	J	J	A	S	O	N	D
Bare Root	■	■	■	□	□	□	□	□	□	□	□	□

Superb Persimmons

Every year in California more people are enjoying in November and December ripe Hachiya Persimmons as a salad fruit, out of hand, or in persimmon pudding. If you like your Persimmons soft to be eaten as a salad fruit, you will probably want to plant the popular Hachiya. If you prefer to eat your Persimmon out of hand, you will want the popular non-astringent Fuyu. Persimmons are quite ornamental trees because the leaves turn bright colors in the fall, and the richly colored orange-red fruits are beautiful either on the tree or as table decorations.

Price on both varieties of Persimmons: \$2.25 each, \$20.00 per 10.

Shipping Weight on Persimmons: First tree 5 lbs., each additional tree 1 1/2 lbs. See shipping costs on page 42.

Hachiya. FD79. This has long been the most commonly planted and best known of the Persimmons. Very large, conical fruit of bright orange-red, with sweet, rich, mellow flesh. Astringent until fully ripe and then very fine indeed. A large, well grown Hachiya is one of the most beautiful fruits grown.

Fuyu. FD78. This Persimmon is quite different from all other commonly grown varieties in that it is never astringent or puckery. It is quite firm even when fully ripe and may be eaten hard like an apple whenever it is sweet enough. The fruits are large, flattened and are borne in great quantities. The trees bear much younger than most Persimmons and produce great clusters of fruit from the second year on.

Pomegranate

Wonderful Pomegranate. FD95. One of the most ornamental of all fruit trees with its bright scarlet hibiscus-like flowers and big crimson fall-ripening fruits. Pomegranates grow quickly into a large 8-foot bush and thrive anywhere from the seacoast to the hottest desert valleys, doing best where there is considerable heat. There is no finer center piece for the Thanksgiving or Christmas table than a bowl of big red Pomegranates, and it's fun to eat them too. Wonderful is the largest and most highly colored of all Pomegranate varieties. Very large fruit, rich, bright crimson in color, and the highly colored garnet flesh is very juicy and of excellent flavor. \$1.35 each, \$12.00 per 10.

Armstrong Plums

Most varieties of Plums will bear heavier crops if certain other varieties are planted nearby as pollinizers. Santa Rosa, Beauty and Wickson all successfully pollinate the blossoms of most varieties, as well as each other, and we advise including some of these in all Plum plantings. Beauty and Santa Rosa bear the heaviest crops everywhere. Mariposa, Inca and Hollywood are the best eating.

Price on all Plums, except Hollywood, Inca and Mariposa: \$1.50 each, \$13.50 per 10.

Price on Hollywood, Inca and Mariposa: \$1.75 each, \$16.00 per 10.

Plums, and Prunes average 3 lbs. for the first tree, 1 1/2 lbs. for each additional tree. See shipping costs on page 42.

Listed in approximate order of ripening.

Beauty. FD81. Fruit large and beautiful, deep crimson with amber-crimson flesh. A never-failing bearer every place always. Quite resistant to delayed foliation. June.

Hollywood. FD85A. Sweet, early, all-red plum. See next column.

Climax. FD83. One of Luther Burbank's finest introductions. Very large, heart-shaped, with a beautiful deep red and yellow color. Flesh is golden yellow, richly flavored. Sometimes a light bearer in coastal and other regions where the winters are mild. Late June. Needs no pollinizer.

Santa Rosa. FD91. Possibly the most widely planted Plum in California, and certainly one of the handsomest. Large oval, purplish-crimson fruit, covered with light blue bloom. Flesh amber veined with crimson. Splendid for market and home use. Not only is it a good pollinizer to increase the crop on other varieties of Plums, but it is resistant to delayed foliation and will bear a crop every year, no matter where it is planted. Bears fair crops without a pollinizer. Late June.

Satsuma. FD92. The well-known Japanese blood Plum, so prized for preserves. Large, almost round, deep red outside and in, firm, juicy, and of fine flavor. Best pollinizer is Wickson. July.

Wickson. FD93. A popular plum for many years. Very large, heart-shaped fruits, straw-yellow in color, blushed with cherry-red; flesh amber, crisp, juicy and luscious. July.

Inca. FD85B. Delicious new yellow eating plum. See next column.

Red Rosa. FD90. A new Plum which is very similar to the Santa Rosa in appearance, having the same bright colored purplish-red fruit and amber colored flesh, but which ripens fully one month later, long after Santa Rosa is gone. The fruit is firm and crisp, keeping a long time. A splendid home and market Plum. Best pollinizer, Beauty. Late July.

Mariposa. FD89. Its big red fruits are the finest of all to eat. See right-hand column.

Late Satsuma. FD88. Everybody likes those delicious, sweet, juicy Satsumas with the blood-red flesh, but they are all gone long before September and so is Mariposa, the finest of all blood plums. However, we have discovered a late ripening variety of Satsuma which isn't ready to use until September. It makes delicious eating when other plums are scarce. Quite profitable as a late plum for the market.

Becky Smith. FD82. Not only one of the most beautiful Plums grown, but the very latest to ripen, appearing after all the others are gone. Big, round, bright red fruits, with crisp sweet amber flesh, of splendid quality for eating and shipping. Pollinizers, Climax, Santa Rosa. Late September.

Hollywood Plum, early ripening, sweet and rich.



Mariposa Plum. This big, blood-red beauty is unsurpassed for eating out of hand and makes beautifully colored, richly flavored preserves.

Hollywood Plum

Hollywood. FD85A. It must have been called Hollywood because of the ultra modern job of makeup. Everything about it is colorful from the blood-red, juicy, sweet plums, borne early in the season, to the purple-red foliage and its cloud of lovely light-pink flowers in the spring. Like most of the other Hollywood belles, it is beautiful to look at. And that's not all, because the fruit is delicious to eat, reminding us of an enormous sweet black cherry when fully ripe. We think it is one of the most delicious little plums to eat fresh that can be grown, and since it is almost the first plum to ripen in the season, it certainly does hit the spot. Late June.

Inca Gold

Inca. FD85B. The ancient Incas never valued their gold more highly than you will value this fine new yellow plum, beautifully blushed with red. One of the finest yellow eating plums that can be grown. Its firm, sweet, yellow flesh is very juicy and richly flavored, and the tree bears heavy crops every year. For a mid-season, yellow-fleshed plum, we would pick it to plant over all other plums of its type. It is one of the late Luther Burbank's originations which was lost for a number of years, a plum which we are very pleased to get back into California plantings. Late July.

Mariposa The New Blood Plum

Mariposa. FD89. In our opinion, there is no finer Plum for eating than the big maroon-red fruits of the Mariposa, a new Plum variety which we introduced several seasons ago. The gigantic purple-red fruits are overlaid with a glowing lilac bloom, and the blood-red flesh has a honey-like sweetness, abundant juice and a surpassing flavor which is impossible to describe in words. The skin, while tender in the eating, is quite thick and the flesh is firm so that the Plum keeps remarkably well. There is no bitterness to the skin or pit, for this magnificent Plum is sweet and full of flavor all the way through. Mariposa should have a tree of Satsuma, Beauty, Santa Rosa or Inca planted nearby for pollination purposes, for it usually does not bear a large crop, if planted alone. Yucaipa-Beaumont Mariposas usually top the Los Angeles plum market.

We have excellent reports from Mariposas from such widely scattered points as Placerville, Fillmore, Carlsbad and Ramona in California, and, of course, it is exceptionally fine in the Beaumont, Banning and Yucaipa areas. Out-of-state planters also tell us how splendidly it has borne in Colorado and El Paso, Texas. The delicious flavor and high quality of the beautiful big, red fruits is what everybody is impressed with. Plant Pat. No. 111. Late July.

Healthful California Prunes

Prunes are merely Plums with a higher percentage of sugar which will dry without removal of the pit. They are handsome in appearance, and most people do not realize how delicious they are when eaten fresh from the tree or canned for the table. Why depend on dried prunes in the summer when you can enjoy fresh ones which are much more delicious. All Prunes bear better if several kinds are interplanted for cross-pollination.

Price on Prunes: \$1.50 each, \$13.50 per 10.

Standard Prune

Standard. FD93B. The handsomest and largest of all Prunes for home use or as fresh fruit for the market. The big oval fruits are deep purple with a rich blue bloom, and the flesh is amber colored, sweet and juicy. Bears well everywhere but particularly fine in the valley situations of Southern California where other Prunes do not do quite so well. August.

Sugar. FD93C. Very large, dark purple fruit, the sweetest of all; particularly fine for home planting in Southern California, where the tree is exceedingly productive in all sections. The handsome big fruits are delicious to eat out of hand and are wonderful stewed and canned for home use. July.

French Improved. FD93A. The standard drying variety which has made California Dried Prunes famous. Large oval fruits of deep purple, with sweet sugary flesh, produced in great quantities. September.





English Morello. The "Pie"
Cherry That Always Bears.

Cherries, Nectarines

When You Can Plant

The black squares below indicate in what months you can plant deciduous fruit trees, such as Peaches, Plums, Apricots, Nectarines, Cherries, Figs and all of the other fruits listed in this section. Please note that they are available only in the winter months of January, February and March. They are not available in other months since they must be handled while dormant, with bare roots. This type of tree does not handle well in containers and we do not sell them during the growing season.

Month	J	F	M	A	M	J	J	A	S	O	N	D
Bare Root	■	■	■	□	□	□	□	□	□	□	□	□

Planting Instructions. Our planting instructions are sent with each order and should be read before unpacking the trees. They have been carefully prepared on the basis of our many years of experience and contain helpful hints. Use tree protectors or tree white to avoid danger of sunburn. (See page 38.)

Chinese Jujubes

The Jujube is a small deciduous tree which bears often the first year after planting, great quantities of small dark brown fruits which are sweet and crisp when eaten fresh, which makes an excellent jam when cooked, but are most often used as delicious candied fruits.

The tree grows anywhere with ease but bears best in the warmer interior valleys. Hardy and will stand zero temperatures without injury. Fruit ripens September and October. Seedling Jujubes bear very small worthless fruit, but these are giant-fruited, selected types grafted from parent trees selected from thousands by the U. S. Department of Agriculture. As far as we know, we are the only ones in the country growing them.

And if you want a small shade tree, which will stay small, a tree which is leafless in winter, the Jujube may fill the bill. It looks something like a small handsome willow tree.

Price on both varieties of Jujubes: Strong trees, \$2.25 each.

Shipping weight on Jujubes: 2 lbs. for first tree, 1½ lbs. for each added tree.

Lang, FD43. Large, pear-shaped fruit, 1½ to 2 inches long, shown in photograph below. Produces a great abundance of fruit and often bears the first year after planting.

Li, FD44. This variety has the largest fruit of all, often 2 inches in diameter, round in shape. Has a very small pit and is deliciously sweet and crisp.

Shipping Information

See page 42 for shipping rates and data. In much of Southern California we deliver by truck; elsewhere we ship by mail, express or freight. See page 42 to determine the best method for your shipment.

Fruit of Lang Jujube, Reduced One-Fourth.



Cherries

In the coast and valley regions of Southern California the Sweet Cherries do not bear, but they are entirely satisfactory in the rest of the state. The "pie" Cherries, Morello and Richmond, will bear large crops any place, and while a little tart to eat fresh, they are splendid for pies and preserves.

Several varieties of sweet Cherries should be planted together for cross-pollination. However, the "pie" Cherries Morello and Richmond will bear alone and give you big crops anywhere.

Strong trees, \$1.50 each, \$13.50 per 10. Ten trees of one variety sold at the 10-rate.

Shipping weight on Cherries: 3 lbs. for first tree, 1½ lbs. for each added tree.

Sweet Cherries

Tartarian, FD22. The very finest cherry to eat fresh. Sweet, rich, and juicy, with a rich, tempting, purplish-black color. The robust erect trees are heavy bearers. A good pollinizer for Bing and other sweet cherries. The big juicy sweet black beauties ripen early in the season when cherries taste the best. To eat out-of-hand, for jam and for early market Tartarians are hard to beat. Early June.

Bing, FD21. A very large, dark red sweet cherry of extremely handsome appearance, and since it has the firmest flesh of all cherries, it is splendid for canning and shipping. Plant Tartarian with it as a pollinizer. June.

Royal Ann, FD26. A magnificent cherry of the largest size; pale yellow with bright red cheek; flesh firm and sweet; tree an enormous bearer. The leading commercial canning cherry. Late June.

Sure-to-Bear Cherries

Morello, FD24. Fruits very large, handsome, dark wine-red, with a sprightly aromatic flavor; flesh tender and melting. A small round-headed tree, bearing heavy crops no matter where planted. Richmond and Morello are the cherries that we recommend planting in the Southern California coastal and valley sections where sweet cherries do not bear. Late June.

Richmond, FD25. Excellent early "pie" cherry, similar to Morello, but ripening two weeks earlier. They both make beautiful little trees which do not take very much room on the home place, and they are beautiful when they are loaded with their red fruits in spring. Early June.

Nectarines

The tree of the Nectarine looks like a Peach tree, but the fruits are smooth-skinned and the rich, aromatic flesh has a flavor and character all its own. The name means "the fruits of the Gods," and the Gods surely did know their fruits.

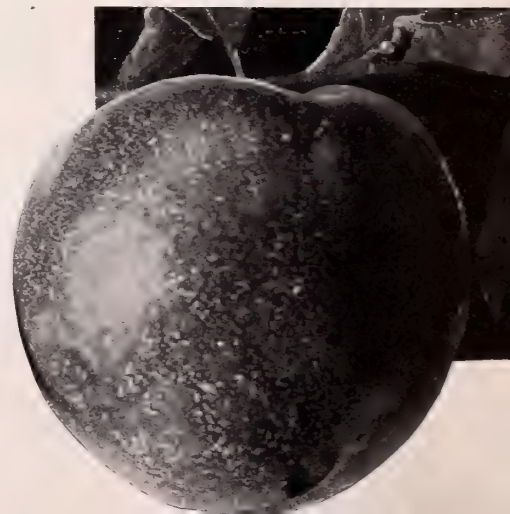
Strong trees, \$1.50 each, \$13.50 per 10. Ten trees of one variety sold at the 10-rate.

Shipping weight on Nectarines: 3 lbs. for first tree, 1½ lbs. for each additional tree.

Gold Mine, FD47. These great red and yellow fruits, with juicy white flesh, exceptional in flavor and quality, are among the most beautiful of all Nectarines. We have found this variety to be the one high quality Nectarine which will bear good crops consistently in Southern California where most Nectarines do not bear well because of our mild winters. Gold Mine is a Nectarine treasure indeed! Early August.

Stanwick, FD48. For many years it has been a leading Nectarine in California. Beautiful big fruit, with pale green skin shaded purplish red, the flesh white and juicy, with a most delicate aromatic flavor. While a good bearer in the northern part of the State, it is somewhat irregular in Southern California. The fruit itself is wonderful. Middle August.

Gold Mine Nectarine



Quince Trees

The Quince is a splendid fruit for preserves, the flesh becoming a beautiful dark red when cooked. The trees thrive and bear well almost anywhere. No fruit has a more delightful fragrance when picked from the tree.

Price: \$1.50 each, \$13.50 per 10. Shipping weight on Quinces: 3 lbs. each.

Pineapple, FD99. One of Luther Burbank's originations, with a round, short-necked, golden-yellow fruit. The flavor and aroma are suggestive of the pineapple. Oct.

Always include both name and code number of the variety on your order sheet.

Armstrong Figs

California is one of the few parts of the world in which Figs attain the utmost perfection, and in the late summer and fall there is no fruit which is more enjoyed fresh, whether eaten out of hand, sliced with cream and sugar, or in jam. Figs should be thoroughly irrigated at least once each month during the summer and even oftener during hot weather. See pruning suggestions under each variety.

Note: We recommend pruning Fig trees back severely when you plant them. You'll get far better and quicker results. Take off at least one-half of the top.

Prices on Figs

2-year trees.....\$2.25 each, \$20.00 per 10
1-year trees.....\$1.50 each, \$13.50 per 10

Shipping Weight on Figs: 2-year trees 5 lbs. each, each additional tree 3 lbs.; 1-year trees, first tree 3 lbs., each added tree 1½ lbs.

Brown Turkey. FD32. We consider Brown Turkey to be just about the finest Fig for general use in California. The fruits are very large and long, a rich purplish-brown in color, becoming deeper purple as they mature, with rich strawberry-red flesh, fine grained, sweet and juicy. It seems to bear equally well, whether it be directly on the coast or in the interior or desert valleys. Larger and finer Figs will be produced if the trees are heavily pruned back in the winter. We only have a few 2-year trees of this variety, and unless you have ordered prior to January 10, we will be able to supply only 1-year trees.

Brunswick. FD33. This medium sized, light brown, short-necked Fig is known as Magnolia in Texas. The fine-grained, sweet, brownish-amber flesh is delicious. The tree is smaller than many other varieties and will stand more cold than any other Fig that we grow. Given a sheltered location, it will grow and bear in Oregon, Washington, New Jersey, Long Island and similar areas. Leave unpruned in California.

Sweet as Honey

Trojano. FD36. Our mouths still water when we think of the rich nutty full flavor of these delicious figs which we ate last summer. It's a medium sized, coppery black fig, very rare in California. It's the nearest thing to a black Kadota, with sweet, amber flesh, almost no seeds to get under your plates, and the fruits are self-sealed with a drop of honey to keep out insects. Bears enormous crops, and that rich, tender, sweet flesh is something to enthuse about. 2 year trees only.

Kadota Fig

Kadota. FD34. This is the finest white Fig for most of California and one of the finest Figs for all purposes, since it will can, dry, pickle or ship fresh and give excellent results in every case. Many people prefer it to any other fig for eating fresh. Of medium size, with waxy, smooth, yellow-white skin and pale amber flesh. Extremely sweet and rich, making just about the best fig jam ever tasted. Bears extremely heavy crops all through the summer and fall. It does best in the interior valley where the summers are warmer. Do not prune Kadota trees back heavily in the winter, for heavy pruning decreases quantity without increasing the size.

Mission Fig

Mission. FD35. The well-known California Black Fig brought to California by the Mission Fathers. The fruit is medium to large, with a long neck, mahogany-violet in color, with brownish-red flesh. Thrives in all sections, coast to desert, and the tree is enormously productive even under adverse conditions where little water is available. Leave tree unpruned.

White Adriatic. FD37. Very large, elongated, yellowish-green fruit with a short neck; flesh a bright strawberry-red, somewhat coarse but of excellent quality. One of the very finest of white Figs. Heavy pruning will increase size of fruit, decrease quantity. 1 year only.

White Genoa. FD38. If you live near the seacoast and want a big fine white fig, this is the one for you to plant because it is one of the few white figs that bear well under such conditions. Large, pear-shaped, with a waxy yellow skin and sweet amber pulp, similar to Kadota but much larger. Fine inland, too. Prune like Adriatic.



Luscious Big Brown Turkey Figs (Natural Size)

Armstrong Pear Trees—Standard and Dwarf

Winter Bartlett and the new Large Fruited Winter Nelis are the surest bearers among the standard kinds for Southern California. All pears bear well in the higher altitudes.

Price on Pears: \$1.50 each, \$13.50 per 10. Ten trees of one variety sold at the 10-rate.

Shipping weight on Pears: 3 lbs. for first tree, 1½ lbs. for each added tree.

Bartlett. FD65. The most widely cultivated Pear in California, large, buttery and melting, with rich flavor; tree a vigorous grower, bears abundantly. Bartlett has every quality needed for a perfect home and market Pear. Bears better if Beurre d'Anjou or Winter Nelis is planted with it. If its quality you want in pears, you'll find nothing better than this kind by which all others are judged. August.

Seckel. FD68. Fruit small, but well colored, and there is no other variety which possesses such exquisitely flavored fragrant juicy flesh, even the skin being spicy. The little russeted beauties are just about the most delicious pears that we have ever tasted. September.

Beurre d'Anjou. FD66. Large, yellow, marked with russet and crimson. Tender, sweet and juicy. An excellent pollinizer for Bartlett. October.

Large Fruited Winter Nelis. FD67. The old Winter Nelis was one of the finest late fall ripening pears for Southern California (or anywhere else). This new one was discovered not long ago in Washington. We have tested it in Southern California and have found that it bears heavy crops of very fine, beautiful big pears, russeted, with a ruddy pink cheek and a most delectable, rich, aromatic flavor. The fruit keeps for a long time after picking, and you'll find that the tree will bear heavy crops almost anywhere in California.

Winter Bartlett. FD69. This late fall ripening pear is similar to Bartlett in shape, color and flavor, but a little smaller and ripening much later. The tree is remarkably productive and the fruit keeps very well, indeed. You can keep it down cellar for weeks after picking, and in Southern California it will probably bear the heaviest and most regular crops of any pear, even in the desert regions of low altitude, where other pears do not bear at all. Nov.-Dec.

Dwarf Pears Take Little Room

If you have a limited amount of space and still would like to have a lot of fine pears for your family to eat, you'll want to plant these dwarf trees that we have grown especially for such situations. The trees seldom become more than about 8 feet high, begin to bear almost immediately after you plant them, and bear immense crops.

Dwarf Pears will bear well almost anywhere in Southern California or elsewhere. They require little care, and there is never any waste with pears because you can pick them as soon as they have attained size, set them away in a cool place and let them ripen, eating them as they get ready, and, of course, they are splendid to can.

Price on Dwarf Pears: \$3.00 each.

Shipping Weight on Dwarf Pears: 3 lbs. for first tree, 1½ lbs. for each added tree.

Dwarf Bartlett. FD70. It's the world's finest pear.

Dwarf Beurre d'Anjou. FD71. Better plant one of these with your Bartlett in order to make sure of increasing the crop.

Dwarf Large Fruited Winter Nelis. FD72. The new giant fruited strain of this fine late-ripening fall pear.

The New Large Fruited Winter Nelis Pear



Armstrong Berry Plants

All berries are easy to grow, particularly these Armstrong tested newest varieties which quickly produce heavy crops of bigger, juicier, finer flavored berries. Plant now and prevent a fresh berry shortage at your house.



Boysenberries (Natural Size)

The Gigantic Boysenberry

Boysenberry. FB4. Since the Boysenberry was introduced we have claimed that it was the very finest berry that could be grown in California. Not only has this proved to be true, but it seems to do just as well in many other sections of the United States.

The Boysenberry is the largest of all berries, averaging 1 1/2 to 2 inches in length and 1 inch in diameter. The berries are jet-black, highly flavored, and they pick, keep and ship in a way that brings delight to the heart of a berry grower. Housewives know that they make the very finest pies, jams and preserves.

Boysenberries produce exceptionally heavy crops. The big, vigorous vines are simply loaded with the big fruit clusters which start to ripen early, just when berries are most in demand. Boysen has been remarkably hardy and adaptable in a wide range of climatic conditions, having safely stood below zero temperatures.

For home planting, 6 by 6 feet is a good distance. Arrange for irrigation. Trellis the second season, and when the fruit is all picked, cut out all of the canes which bore fruit.

	Each	Per 10	Per 100
One-year transplants	\$.35	\$3.00	\$20.00
Strong rooted tips.....	.20	1.75	12.50

Early Blackberry

Crandall's Early Blackberry. FB1. One of the earliest to ripen, producing great quantities of medium size, firm, sweet blackberries, with few seeds and almost no core. It never fails to bear and will grow under more adverse conditions than any other berry, being hardy everywhere. It ripens in June and July with a lighter crop in the fall. The big upright bushes need no support. Plant 5 feet apart in rows 8 feet apart. 25c each, \$2.00 per 10, \$15.00 per 100.

Berry Shipping Calendar (We ship all over the U.S.A.)

Month	J	F	M	A	M	J	J	A	S	O	N	D
Bare Root	■	■	■	■	■	□	□	□	□	□	□	□

Shipping Weights: 10 plants of Raspberry, Blackberry, Loganberry, etc., weigh 3 lbs. packed for shipment. Other quantities in proportion. 25 Strawberry plants weigh 1 lb. See table of shipping costs page 42. Most berry orders, unaccompanied by heavier material, go forward by mail. No mail orders totaling less than \$2.00 are filled.

Texas Wonder

Texas Wonder Blackberry. FB3. The berries on the vigorous vine are large and coal black. They keep and handle exceptionally well. The plants bear so heavily that in June they are literally black with berries. We picked 2 quarts (at one picking) off three bushes, every berry full of good old-fashioned blackberry flavor. Plant 4 feet apart in rows 8 feet apart. By planting Texas Wonder for early berries and Himalaya for late berries, you can get the finest of blackberries over a long season. 30c each, \$2.50 per 10, \$15.00 per 100.

Late Blackberry

Himalaya Blackberry. FB2. The canes often reach 40 feet in one season, and bear enormous crops of excellent, medium sized, juicy black berries. Ripens over a long season from June to late fall and provides plenty of berries after Youngberries, Boysenberries and the other Blackberries are gone. Plant on a trellis 10 feet apart in rows 8 feet apart. 25c each, \$2.00 per 10, \$15.00 per 100.

Loganberries

Thornless Loganberry. FB8. Loganberries have long been a favorite on the entire Pacific Coast, these vigorous, hardy, trailing vines producing enormous crops of very large, dark wine-red berries with a rich sub-acid flavor which have long been famous for their excellent jams, jellies and juice. The new Thornless Loganberry has fruit even better than the old kind, and the canes are absolutely thornless, making picking a pleasure. Why plant the thorny type when you can enjoy this? Plant Pat. No. 82. 40c each, \$3.50 per 10, \$25.00 per 100.

Youngberry

Youngberry. FB20. The Youngberry and the Thornless Loganberry are ripe in May, two weeks ahead of the Boysenberry. Youngberries are remarkable keepers and shippers, the berries are deep wine color, changing to jet black, with an exquisite piquant flavor. The seeds are so few and soft that they may be considered as practically seedless, and make splendid jams and jellies. Extremely vigorous and heavy producers. Plant on wire trellis 6 to 7 feet apart. Rooted tips, 25c each, \$2.00 per 10, \$15.00 per 100.

If you want berries for all the family throughout the season, plant the Armstrong Berry Collection offered on the opposite page. It is really a bargain in berries.

The Finest "Blackcap"

Evans Black Raspberry. FB10. The red, the purple and the black Raspberries are each quite distinctive. You will want the best of each if space permits. The finest Blackcap Raspberry is Evans—best because it does so extremely well in our climate and produces quantities of jet-black berries of finest quality. The berries are always juicy and full-flavored—never dry and crumbly. They are sweet enough so that most people eat them without sugar, and they have a rich aromatic flavor you will look forward to enjoying each year. Commercial growers have found that it bears 15 per cent to 20 per cent more fruit than others. Plant 6 feet by 6 feet. Should be trellised. 35c each, \$3.00 per 10, \$20.00 per 100.



The new Evans Blackcap Raspberry

Red Raspberries

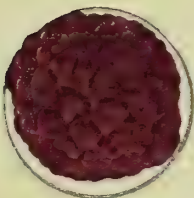
Washington Raspberry. FB13A. When we first tasted this fine big new red raspberry, we opened our eyes and smacked our lips in amazement, because the flavor was so rich, sweet and delicious. We thought maybe it was just because it had been a long time since breakfast, so we tried them again next day and got the same reaction. We tried them out on our friends, and each one looked pleasantly surprised and said: "That's the best raspberry I've ever eaten." Frankly, we think that if a raspberry tasted any better than Washington, it would be "out of this world." And it likes our Southern California climate. The vines are exceedingly vigorous here, they ripen big crops, and keep producing ripe berries morning after morning for weeks. 35c each, \$3.00 per 10, \$20.00 per 100.

Sunrise Raspberry. FB13. The earliest red raspberry to ripen with us, and a mighty good one, sweet and full flavored. The vines are hung with many clusters of delicious bright red berries over a long period before there are any raspberries on the market. Sunrise and Washington make a splendid pair, one early, one late. 35c each, \$3.00 per 10, \$20.00 per 100.

Purple Raspberry

Sodus Purple Raspberry. FB12. Great, large, rich purple berries, four times as large as the ordinary black Raspberry, borne in enormous sprays. Juicy, sweet, rich flavored, with the good old raspberry aroma and flavor. The berries are most delicious to eat with sugar and cream and are unexcelled for jams. Young plants put out in the spring grow amazingly fast and will produce berries the same season if well cared for. A cross between the black Raspberry and the red Raspberry. 35c each, \$3.00 per 10, \$20.00 per 100.

Sodus Purple Raspberry (First berry at left)
In the illustration at the left the first berry is Sodus Purple. To its right is an ordinary red raspberry. Both are sitting on a silver quarter dollar. Place a quarter on the illustration and you will notice it is actual size.



Luscious Strawberries

Below is our selection for California conditions made from the many hundreds of strawberry varieties available.

Quantity Rates: 50 Strawberries sold at the 100-rate; 500 at the 1000-rate. Please send no orders for less than 25 of one kind of Strawberry.

The Reddest Strawberry

Blakemore. FB15. In color, earliness, quality of berry, and size of crop, it is a great advance in Strawberries. Possibly its biggest advantage is the beautiful bright red color which does not change after the berries are picked or after they are canned or made into jam. Most strawberry varieties turn brownish right away after they have been cooked, but not Blakemore. Because of the firmness of the berries they keep and ship extremely well and are easy to pick. The foliage is very large, shielding the berries from the birds and sun and giving them a lovely color. 25 for \$1.00; 100 for \$3.00; 1,000 for \$20.00.

Two Big Crops

Dorsett. FB16. The big, firm, bright red berries are extremely handsome in appearance, and the quality is exceptionally fine, sweet and juicy, with plenty of real Strawberry flavor. The plants produce even larger crops than the heaviest bearers among the other varieties, producing two big crops per season, one in the spring and another in the early summer, with a few scattered berries almost any time during the year. It has shown itself to be a good commercial berry. And in the home garden it will give you wonderful fruit from April until July. 25 for \$1.25; 100 for \$3.50; 1,000 for \$22.50.

Longest Season

Gem Everbearing. FB17. One of the ever-bearing varieties with big, fine looking berries of excellent quality. Gem keeps bearing month after month and will give you berries when you can't find them on any other kind. It bears especially well in the fall after all the spring kinds are finished and is a profitable commercial kind as well as being a good home berry. 25 for \$1.50; 100 for \$4.00; 1,000 for \$32.50.

For Hot Climates

Carolina (Missionary). FB18. One of the best berries for the hot interior sections of Southern California, particularly in sandy, poorer soils. A heavy producer. Fine not only for the market but for the home as well. Matures later than Klondike. 25 for \$1.00; 100 for \$3.00; 1,000 for \$20.00.

Klondike. FD17A. This variety is probably more widely planted than any other strawberry in Southern California. It has exceptional vigor, clean foliage, and grows well in a wide variety of soils. Color is a good medium red, while the flesh and skin are firm, making it a good shipper and keeper. While not exceptional in quality, it is good. The large crop is borne in the spring. It does not produce berries later in the season as do some of the other kinds. It is adapted particularly to Southern California and Arizona, especially the warmer interior valleys. 25 for \$1.00; 100 for \$3.00; 1,000 for \$20.00.

Finest Quality

Banner. FB14. (New Oregon) If you want exceptional flavor and quality in your strawberries and want to get berries that just melt away in your mouth and are sweet enough to eat without sugar, this is the one you'll want. It does its best in cooler sections, where it is almost everbearing. For the central and northern part of California there is nothing finer. For home and for market, from the standpoint of quality, there is no better berry grown. 25 for \$1.25; 100 for \$3.50; 1,000 for \$22.50.

Gooseberries

Oregon Champion. FB6. Large round transparent, pale green fruit of excellent quality. Gooseberries are a delight where they can be successfully grown, but they do not bear well in the lowlands of Southern California. 40c each, \$3.50 per 10.

Currants

Perfection. FB5. A good quality bright red Currant, with a rich mild sub-acid flavor. The plants bear heavy crops wherever conditions are suitable. They do not bear well in the valleys and coastal regions of Southern California. 40c each, \$3.50 per 10.

Perennial Vegetables

These delicious vegetables do not have to be planted again each year. A few plants of each will supply you with much tasty garden-fresh produce.

French Artichokes

French Green Globe. FM1. The finest Artichoke for market or home use. Large, fine flavored buds. It is easy to grow artichokes, and they thrive almost anywhere in California. Just plant them 6 feet apart, irrigate them occasionally in the summer-time. Cut back to the ground in September and water and fertilize them for winter and early spring crops. You will be surprised at the fine crops you will get. 45c each, \$4.00 per 10.

Asparagus

Price on Asparagus: 25 for \$1.50, 100 for \$4.00. 25 Asparagus plants weigh 4 lbs.

Paradise. FM3. Heavy production, early maturity and exceptionally fine quality characterize this new Asparagus, with the big, stalky-green stems (as thick as your thumb). Plants look beautiful in the garden.

Mary Washington. FM2. Has long been a popular kind, ripening early with many tender, crisp green tips. Plant Asparagus 1 foot apart in rows 4 feet apart.

Crisp Rhubarb

Cherry. FM4. The large stalks of this brightest colored kind are crisp and juicy when picked fresh from your own garden. You will be enthusiastic about the improved flavor and quality whether you use it in sauce or in rhubarb pies. The large-leaved plants are quite ornamental in the garden. Plant 4 feet apart. It is a winter crop, hence doubly valuable. 35c each, \$3.00 per 10. Weight 1 lb. each.

Climbing Potato

Chayote. FS6. Big, pear-shaped greenish fruits, crisp like a potato but not starchy. More delicately flavored than squash. A fruit of many uses borne on a perennial, climbing, ornamental vine which will grow as much as 50 feet in one season. Full sun. Fruits for planting. 40c each.



Blakemore, California's Finest Strawberry

Armstrong Berry Collection

Each year you can treat all the family to a wide assortment of fresh picked berries from early spring to late summer and then enjoy berry pies, jellies, jams and preserves the rest of the year. It doesn't take a farm either. Look what this Collection includes: Bright red, luscious, sweet strawberries; huge boysenberries; improved raspberries, both red and black; richly flavored loganberries on thornless vines; early blackberries and late blackberries.

2 Crandall's Early Blackberry. As much as 1 1/2 quarts of early berries per picking from two vines.

2 Himalaya Blackberry. Not only bears early but gives you berries late in the season after all other bush berries are gone.

3 Boysenberry. Quart after quart of gigantic, richly flavored berries to eat fresh, in pies or as jam.

2 Thornless Loganberry. Thornless vines, juicy fruit with almost no seeds which make the finest flavored of all jams.

3 Evans Black Raspberry. Heaviest bearing and best flavored of all black raspberries.

3 Washington Raspberry. The best red raspberry that we have found for California.

25 Blakemore Strawberry. Enormous crops of berries which make the best bright red jam.

25 Gem Everbearing Strawberry. Ripens over the longest season of all, from early in the spring to late fall.

Order Berry Collection No. 16 (a \$7.00 value) for \$6.00 plus 15c sales tax in California, postpaid for 20c in the United States. Shipped January 1st to April 15th.

Big dark red Thornless Loganberries. Not a scratch in acre-full but plenty of enjoyment.





Armstrong grapes give big returns in a small space.

The Earliest Grape to Ripen

Pearl of Csaba. FG23. Since we first introduced this delicious little amber colored Hungarian Grape several years ago, it has become amazingly popular. It ripens many weeks before any other variety that we now have, and unlike many early fruit varieties it is a high quality Grape, almost seedless, with a pronounced Muscat flavor, delicate and refreshing. If you want to enjoy the first Grapes of the season, include Pearl in your planting. Bush type. June.

This is an Armstrong-grown Pearl of Csaba Grape-Vine planted by Mr. F. Cid at Guadalajara, Mexico, in January. This photograph was taken in May, 16 months later. Armstrong Vines get results.



California's Famous Western Grapes

You'll find your favorite type and color in California Grapes in this list. Black Monukka, Thompson and Sultanina Rosea are seedless. All of these California type grapes are kinds that have been brought in from Persia, Turkey, Arabia and the Old World vineyards of France and Hungary.

Black Seedless

★ **Black Monukka. FG2.** A seedless black Persian Grape much resembling Thompson Seedless, except that the berries average one-third larger and are purplish black when mature. Very large loose bunches borne in great profusion. A splendid early eating Grape ripening 10 days before Thompson. If we had to pick out three or four varieties only for our own enjoyment, this one would be included. Trellis. Early August.

Giant Everbearing

Giant Everbearing. FG12. An extraordinary hybrid, which is the most vigorous grower that we have ever seen in a grape vine, young vines sending out 10 or 15-foot canes almost immediately after planting. For covering an arbor or similar structure, there is nothing finer. It ripens its fruit not in one crop but continuously over a period of three months, and the little bunches of reddish-black berries, while not very good in eating quality, make the most beautiful and delicately flavored grape jelly and juice that we have ever tasted. July to October. Trellis. 50c each; \$4.50 per 10.

Malaga

★ **Malaga. FG17.** A leading shipping variety and one of the finest table Grapes. Bunches very large and loose; berries large, oval, yellowish green with a thick skin and firm, sweet, rich flesh. Does best in hot climates, but is one of the most dependable bearers anywhere. Bush type. August.

Thompson Seedless

★ **Thompson Seedless (Sultanina), FG28.** The well-known little greenish-amber seedless Grape so popular the country over. It is widely planted commercially for raisins and the fresh fruit as well. Bears enormously, producing very large bunches of the delicious sweet, mild berries. Bears heaviest in warm climates. Bush (24-inch canes) or trellis. Early August.

Sultanina Rosea. FG27. Exactly like the Thompson Seedless, but colored a beautiful blush pink, deepening to red in the sun, ripening several weeks later than Thompson. Trellis.

Select Armstrong

Grapes do wonderfully well in California, and every home place has room for a few vines. It takes only two years after planting to get good crops on grape vines. No waiting for results. Plant home grapes 6 feet apart each way.

Note: All grape varieties without a star ★ cannot be shipped into Northern California (north of San Luis Obispo and Madera Counties). All varieties, with or without a star, can be shipped into Southern California (except Imperial County) or into any other state.

Shipping Weights: Packed for shipment, the first grape vine weighs 1 lb., and each added vine 1/2 lb. each. To estimate shipping costs, use table on page 42.

Prices on all varieties except where noted

	Each	Per 10	Per 100
1-year Rooted Vines.....	\$.35	\$3.00	\$20.00
Ten or more of one variety sold at the 10-rate, 50 or more of one variety sold at the 100-rate.			

Varieties in both California and American groups listed in approximate order of ripening. At end of each description we indicate whether variety should be grown as bush (prune canes each year to two or three bud spurs) or on fence or trellis (canes left 18 inches or longer each winter.)

Big Blue-Black

★ **Ribier. FG25.** This is the great big blue-black Grape that you see in the markets, one of the largest and most handsome Grapes grown in California. (Sometimes sold as Serbian Beauty.) Extremely large, round, almost black berries in medium size bunches, very sweet and rich. Starts to ripen early in the season but the berries hang on the vine in good condition for a long time. Bush type. August.

Delicious Muscats

Black Muscat. FG4. These large sweet black berries have decidedly the richest flavor of any Grape that we grow, exceeding even the Muscat of Alexandria described below. It is a great favorite with everyone, and it's a great bearer, too, producing extremely heavy crops which ripen early. Bush type. Aug.

★ **Muscat. FG20.** The famous Muscat of Alexandria. The famous white, highly flavored table and raisin Grape of California. The big, oval, green berries have a rich, sweet flavor which any connoisseur of fresh Grapes will tell you is the very finest there is. Bears just as well under coastal conditions as it does in the inland sections. Bush type. September.

The Sultan's Favorite

Dattier. FG8. A big bunch of long, amber, exquisitely flavored Dattiers will give more sheer enjoyment in the eating of them than any other Grape that we grow. Both bunches and berries are very large, with a sweet mild flavor and melting flesh. We will wager that the kings and caliphs of Persia had this variety served to them when they wanted the best from the royal vineyards. Bush type. Sept.

Specimen Grapes

For planters who wish older and larger vines which will give immediate results in covering wall, fence or arbor, we have grown and trained into 6 to 7 foot heavy columns, some large 3-year plants which will start to bear immediately. Some have already borne fruit. Varieties available: Black Hamburg, Concord, Niagara, Golden Muscat, Pierce, Ribier and Thompson Seedless. Available in limited quantity only so please name an alternate kind if we do not have your first choice. Dug with 75 lbs. of earth on roots, \$7.50 each.

Grape Vines

When to Plant Grape Vines

A black square under any month means that grape vines are available for planting only during those months.

Month	J	F	M	A	M	J	J	A	S	O	N	D
Bare Root	■	■	■	■	□	□	□	□	□	□	□	□

The New Golden Muscat

Golden Muscat. FG13. Here is a new Grape which we can enthusiastically recommend. Some people prefer the Eastern "slipskin" Grapes, while others prefer the California type Grapes, but everyone likes this new kind, which is a hybrid between the richly flavored Black Muscat and the green Eastern slipskin Grape, Diamond. This new variety has retained the golden green color of the Eastern Grape but has gained the exquisite Muscat flavor, delightfully combining the characteristics of the two different types. It is a vigorous grower and heavy bearer everywhere from the hot inland valleys to the coastal regions. Bush or trellis. August. 50c each, \$4.50 per 10, \$35.00 per 100.

★**Zinfandel. FG29.** Probably the most famous red Wine Grape of California, bearing an enormous quantity of compact bunches of very juicy, sweet, black Grapes. Bush type. September.

Hardy American Grapes

This type of Grape, of which the Concord is a typical example, is quite hardy and is extensively grown in the eastern and middle western states. They are sometimes known as "slipskins," are usually strong growing vines, are all suitable for arbor and trellis, and do well anywhere on the Pacific Coast, with the exception of desert sections. They require more frequent irrigation in summer than the California type grapes.

Price on American Grapes.....	Each	Per 10	Per 100
	\$.50	\$4.50	\$35.00

An Early Red One

Delaware. FG9. The little red berries of this variety, sweet and juicy, have just about the finest quality of any Eastern Grape, and it bears heavily every place. Ripens ten days before the other American Grapes that we list, and you are sure to enjoy them. Early August.

Niagara. FG21. The standard American green Grape, holding the same rank among green kinds that Concord holds in the blacks. Berries large, pale-yellow, tender, sweet and juicy. If you like American Grapes, you are sure to smack your lips over the delicious flavor of Niagara. August.

Good Old Concord

★**Concord. FG7.** The most widely known and popular of all American Grapes. Produces profusely its medium size bunches of blue-black Grapes, which everybody says have the finest flavor of any Eastern variety. For grape juice and jelly, nothing excels it, and it ripens large crops in California. August.

Pierce (California Concord). FG24. Similar to Concord, but the berries and bunches are larger and the vine is a strong grower. It is one of the finest of the American Grapes for California, and if you are just going to plant one black Eastern Grape, we suggest this one. You'll get a bigger crop from it than you will from Concord. August.

Catawba. FG5. This has long been the standard red Eastern Grape, with a vigorous productive vine and splendid high quality fruit. Deep maroon-red in color and rich in flavor. Late August.

Isabella. FG15. A fine large, glossy black Grape, with a thick skin and a musk flavor, which many people prefer to Concord. It is a much more vigorous vine than Concord, with big leaves and bigger bunches. September.

Heavy Bearing Arbor Grape

Christmas. FG6. If you want to cover an arbor or fence quickly and get many fine Grapes every year, there is no finer variety that you can plant than this origination of Luther Burbank. An enormous grower, covering great spaces, with fruit similar to Concord in color and flavor but ripening two months later. One vine will produce five times as much as a Concord vine.

Husky Grafted Grapes

(Can be shipped only into certain counties of California. See top of the preceding page.)

There are several reasons for planting grapes grafted on vigorous disease-resistant roots. First, they are much more vigorous and make larger and, therefore, more heavy bearing vines; second, they are entirely resistant to Phylloxera and partially resistant to Nematodes, small soil parasites which sometimes bother grapes. They bear sooner too, usually the first year after planting.

Price on Grafted Grapes Below: \$1.00 each, \$9.00 per 10.

FG1G. Black Hamburg	FG17G. Malaga
FG2G. Black Monukka	FG18G. Maraville de Malaga
FG3G. Black Morocco	FG20G. Muscat
FG4G. Black Muscat	FG23G. Pearl of Csaba
FG8G. Dattier	FG25G. Ribier
FG11G. Flame Tokay	FG28G. Thompson Seedless



Concord, the most famous of Grapes

Largest of All

Black Morocco. FG3. These great round, purplish black Grapes are so large that they resemble small plums. The sweet crisp berries are probably the largest of all Grapes and so late that they may be picked right up to Thanksgiving. Bush type. October. 50c each, \$4.50 per 10.



Golden Muscat. The new hybrid between the Eastern American Grape and the California vinifera Grape, with an exquisite Muscat flavor. A Grape for all climates. Shown here two-thirds natural size. Imagine a fence hanging full of these bunches.

Armstrong

Avocodos are now a much enjoyed every day food in almost every home in California. Not only do you get a large quantity of healthful, useful fruits from an avocado tree on the home place, but you get a beautiful ornamental shade tree as well. Avocodos can be grown in almost any part of California except the high mountains and desert, and you can pick out kinds that will give you fruit during the entire year if you wish. See table on opposite page.

Shipping Weights. Most avocado trees are delivered with balls of earth on the roots. They will average 55 lbs. each packed for shipment. For long distance shipment we often dig the trees with bare roots and ship them packed in moss with tops pruned back. The average weight of such bare root trees packed for shipment is 3 lbs. Use these weights and the tables on page 42 to estimate your shipping costs if material is to reach you by rail.

Prices on Avocodos

	Each	Per 10
Strong trees	\$5.00	\$47.50
Ten trees of one variety sold at the 10-rate.		

Edranol is a high quality summer-ripening avocado. Shown here about 3/4ths natural size.

Armstrong Quality Trees

We take great pride in Armstrong Avocado Trees. We don't see how any better trees could be grown for your planting, and when you see them, we think you'll agree. They are all grown upon selected seedlings, and we use the utmost care in the selection of the buds. Our annual block of Avocado trees, grown by Mr. L. E. Nigh, is always a beautiful sight.

The Hardy Blackbird

Blackbird. FA2. A beautiful, glossy medium sized, black, thin-skinned fruit, very handsome in appearance, pear-shaped, which we recommend because of the high quality of the fruit and the very regular and consistently large crops which it bears. It ranks with Mexicola in being the most resistant to cold of any variety that we grow, and the tree is exceedingly vigorous and wind-resistant. It will grow and bear almost anywhere. 19°. September to November.

For Interior Valleys

Duke. FA4. One of the finest of all Avocodos for home planting in the colder interior districts. It is an oval, green fruit which looks like a small Fuerte and is much larger than the average thin-skinned variety. A mild, pleasant flavor and smooth, clear flesh. Any surplus sells well in the local markets, for it is a fine appearing fruit. Duke will grow almost anywhere in the valleys of California from the northern end of the Sacramento Valley to the Mexican border and the tree is large, vigorous and beautifully foliaged. We have had as many as 3,000 fruits from one 10-year-old tree at Pomona. Best in the Interior and Transitional areas. 20%. September-October.

Green Summer Fruit

Edranol. FA5. This comparatively new variety can now be regarded as having a permanent place among the top Avocodos. The exceptionally delicious, pleasant flavor of the medium sized, dark green, pear-shaped fruits prompts everyone who eats it to enthuse over it. It has a very small seed so that you get more fruit for your money. The flesh has a beautiful, smooth, buttery appearance, with no fiber and no discoloration when fully ripe. It ripens in late spring and summer and resembles Fuerte in appearance, which is a great marketing advantage. The tree is a slender, vigorous, upright grower which fits into the small home planting well. It starts to bear when young and continues to bear enormously every season. Hardier than most other "thick-skinned" Coastal, Transitional, and milder Interior areas. 26°. May to August.

A Big Producer

Hellen. FA7. The extra "1" in this name stands for "lots of fruit" because this new variety certainly does produce, and without delay. You're likely to have some fruit the first year after you plant. It is a pear-shaped fruit of convenient, medium size, dark green, with a pebbled, leathery skin which peels off perfectly. It is of very fine flavor and quality, and has brought much higher than average prices on the markets. The big, spreading tree is one of the fastest growing and largest of all Avocodos. This combination of enormous vigor and heavy bearing habit should make this new variety a great success. Has performed well in the coastal districts and probably good in the Transitional area as well. 25°. July to October.

Avocado Types. Avocado varieties vary greatly in characteristics of fruit and tree. The varieties Edranol, Mary Martin, Hellen and Queen have thick shell-like skins and the trees are comparatively tender. The varieties Fuerte and Ryan have thinner leathery skins and are slightly harder. These two groups include the finest kinds for marketing and long distance shipping. The varieties Blackbird, Duke, Jalna, Leucadia, Mexicola and Zutano have thin skins, small or medium sized fruit, and are much more resistant to cold. They are best for planting in the colder sections and may safely be grown wherever oranges succeed.

Ripening Dates, Hardiness. The ripening date given for each variety is only approximate, since the exact time of ripening varies with the location. The minimum temperatures given after each variety are approximate only, since damage from frost varies greatly according to the condition of tree, time of year, and location.

Please include on your order sheet both the name and code number of each variety ordered.

A Beautiful Tree

Jalna. FA8. A new thin-skinned Mexican variety with green pear-shaped fruits of splendid quality. Wherever observed the trees have borne very heavy crops, and in addition it is one of the most beautiful Avocado trees in appearance—spreading, symmetrical, with handsome luxuriant foliage. We've seen many 2 and 3-year-old trees literally hanging full of big clusters of beautiful fruit. It has little competition in the early winter-ripening season. 22°. November-December.

A Purplish Black Beauty

Leucadia. FA9. It is a beautiful appearing fruit, with a thin, smooth purplish-black skin. It has displaced the old Puebla since it resembles that kind but has much better eating qualities, larger crops and larger fruit. The tree is exceptionally strong, vigorous and fast growing. We recommend it very highly for home planting in the Coastal and Transitional areas. 23°. October-December.

If you follow the simple instructions contained in the planting instruction sheet that we send out with your Avocado trees, you will get quicker and better results from your trees. Look for them.

How would you like to have a Duke Avocado tree full of fruit like this?



Avocados

Fuerte is Still at the Top

Fuerte. Still the finest Avocado for commercial or home planting in California, as it has been for many years, staying at the top because of the uniformly high quality of the fruit, its heavy production, splendid marketability, winter ripening season and frost resistance. While planted in all Avocado districts, it is at its best in the transitional area. In that area there is no better Avocado for commercial production, and, of course, it is a splendid home fruit.

The fruit is elongated, pear-shaped, of medium size, with a smooth, green, leathery skin and creamy yellow, buttery flesh of exceptionally fine flavor, being excelled in this respect by no other Avocado. The tree is large and spreading, and ripens its fruit in winter, from late fall until early spring, the fruit hanging on for a long time after maturing. Fuerte is considerably hardier than most Avocados but not as hardy as the thin-skinned Mexican kinds. We have checked many strains of Fuerte but do not believe that there is anything better than the Newman strain of Fuerte which we grow. 24°. December to May.

The Old Dependable

Mexicola. FA11. The hardiest Avocado on our list and one which can be counted upon to bear consistently, nearly always fruiting the second year after planting. The fruit is small, purplish-black of excellent quality and fine for home use. A large, spreading, vigorous tree which will stand plenty of heat, cold and wind. Bears enormously in all areas. 19°. August-September.

Mary Martin. FA10. A new avocado of great promise. Originated in San Diego County and as yet untested in other areas. Dark green fruit, Guatemalan type, almost round, of exceptionally high quality. Tree vigorous, tall, slender and a heavy, consistent bearer. 22°. May to October. Plant Pat. No. 576. Trees, \$6.00 each.

One of the Biggest and Best

Queen. FA14. This is not only the largest fruited avocado on our list, but for eating we think it is one of the best. The big, purplish maroon, pear-shaped fruits weigh 1½ to 2 lbs., and not only are they of extremely high quality but they ship exceedingly well. It is a splendid home fruit, and there should be a few trees in every commercial planting, particularly in the Coastal and Coastal foothill districts. A spreading large-leaved tree of beautiful appearance. 28°. May to October.

The Fuerte Avocado, because of its ideal size, flavor and texture, remains the most popular of all avocado varieties.



How to Enjoy Avocados Every Month in the Year

Avocado varieties vary considerably in their adaptation to different climatic conditions in Southern California and they vary greatly in their time of ripening. To make it easy for you to pick out the kinds which are best for your location and to enable you to have fruit throughout the year, we have made up the table below. Under each month are listed the varieties which usually ripen their fruit during that month in the zone described.

For the Southern Coastal Belt, from Santa Barbara to San Diego											
January	February	March	April	May	June	July	August	September	October	November	December
Fuerte	Fuerte	Fuerte	Fuerte	Edranol	Edranol	Edranol	Mexicola	Mexicola	Mexicola	Leucadia	Fuerte
Jalna				Ryan	Queen	Queen	Queen	Queen	Leucadia	Jalna	Jalna
				Queen			Hellen	Hellen			
The Transitional Belt, including Monrovia, La Habra Heights, Whittier, Tustin, Fullerton, La Mesa, Escondido, Fallbrook, Vista and foothills of Santa Barbara and Ventura Counties											
Fuerte	Fuerte	Fuerte	Fuerte	Edranol	Edranol	Edranol	Ryan	Queen	Leucadia	Leucadia	Fuerte
Zutano			Ryan	Ryan	Ryan	Ryan	Queen	Duke	Duke	Zutano	Zutano
Jalna				Queen	Queen	Queen	Mexicola	Mexicola	Mexicola	Jalna	Jalna
The Interior Belt, from Pomona, east and from Corona, north; also Northern California (Note Minimum Temperatures)											
Fuerte	Fuerte	Fuerte	Fuerte	Edranol	Edranol	Edranol	Ryan	Mexicola	Duke	Zutano	Fuerte
Zutano			Ryan	Ryan	Ryan	Ryan	Mexicola	Duke	Mexicola	Jalna	Zutano
Jalna			Edranol					Blackbird	Blackbird	Blackbird	Jalna

Ryan Bears Heavily

Ryan. FA15. Commercial growers have been looking for a medium sized pear-shaped green fruit to ripen after the Fuerte season is over, and this variety answers this description so well that the fruit often brings almost twice as much per acre as have other summer Avocados. It is one of the heaviest and most consistent bearers yet discovered in Avocados. The trees are big, spreading, vigorous growers and have borne enormous crops wherever planted. The quality of the fruit is good. Its period of summer ripening, and its unusual resistance to frost, are other advantages. Coastal and Transitional areas best. 25°. May to October.

A Promising Late Fall Fruit

Zutano. FA16. There are few good green Avocados ripening in the late fall which look like Fuerte. Zutano does, and this is a distinct advantage in marketing the fruit. The light green, 8-ounce, pear-shaped fruit has a comparatively thin skin, is much harder than Fuerte and has an excellent flavor. Bears excellently in the Transitional area, not tested elsewhere. Probably good in all areas. 26°. November-January.

When to Plant Avocados

The black squares below indicate in what months you can safely plant avocado trees. The spring months are slightly preferable.

Month	J	F	M	A	M	J	J	A	S	O	N	D
Balled	■	■	■	■	■	■	■	■	■	■	■	■

Mr. L. E. Nigh has supervised the propagation of every Armstrong Avocado Tree for 30 years. He likes the Ryan, shown here.



Armstrong Coniferous Evergreens

The Conifers or Cone-bearing Evergreens include both trees and shrubs, almost all of them with needle or scale-like evergreen foliage. Most are native to cold climates, and are admirably suited to mountain regions and other areas where the temperatures are low. However, most of them do equally well anywhere in the California valleys or coastal regions. Several are native to California.

The sizes given in the description below are ultimate sizes and may not be attained for many years. Minimum temperatures are approximate only.

Quantity Discount. If you order 10 or more of one variety of conifer, for instance, 10 Italian Cypress trees, take 10% off the listed each price. Or if you order a total of 50 or more assorted ornamental trees or plants as listed on pages 24 to 63, inclusive, you are also entitled to take a discount of 10% from the listed each price on each ornamental so included. Root divisions, plants in flats or in 2 1/4-inch pots should not be counted in figuring these discounts.

Shipping Weights. Most conifers are shipped with a ball of earth on the roots. The average weights, packed for shipment, are: 2-3 ft., 25 lbs.; 3-4 ft., 35 lbs.; 4-5 ft., 45 lbs.; 5-6 ft., 60 lbs.; 6-8 ft., 75 lbs. Plants in gallon tins weigh 10 lbs. and in 5-gallon tins 50 lbs. See page 42 for costs.

Blue Lawson Cypress

Chamaecyparis lawsoniana Scarab. C4. (alumi). "Blue Lawson Cypress." 6-12 ft. 0°. Popular because of the beautiful metallic silvery-blue color and the symmetrical pyramidal habit of growth. Thrives anywhere in the West except in desert sections. Slow grower. Balled, 2-3 ft., \$3.50.

Italian Cypress

Cupressus sempervirens. C7. "Italian Cypress." 20-60 ft. 5°. Tall slender, green spires, invaluable as accent points in the landscape planting. Our trees are the true narrow type, holding their slender shape permanently. Gal. tins, \$1.00; boxed, 12-14 ft., \$30.00.

Deodar Cedar

Cedrus deodara. C2. "Deodar." 25-75 ft. 0°. This famous Cedar from the Himalaya Mountains has silvery blue-green foliage and is especially adapted to our Southwestern climate. The ordinary seedling type grows so large and takes so much room that most planters will prefer the smaller, more symmetrical Armstrong Compact Deodar listed below. We have a few of the large-growing selected seedlings in large specimens, boxed, \$25.00 and up.

Cedrus deodara Compact. C3. "Armstrong Compact Deodar." This selected Armstrong strain of the Deodar which we grow as grafted trees is not too large for the average home planting. It is dense, compact, trim and symmetrical. It grows fairly slowly and seldom exceeds 25 or 30 feet in height. This Deodar makes a beautiful outdoor Christmas tree to decorate in the holiday season. Balled, 3-4 ft., \$4.00; 4-5 ft., \$5.00; 5-6 ft., \$7.50; 6-8 ft., \$10.00; boxed, 8-10 ft., \$25.00 and up.

Cedrus atlantica glauca. C1. "Blue Atlas Cedar." 20-40 ft. 0°. Beautiful, symmetrical with foliage of intense silvery blue. It has a straight central trunk with many rather stiff semi-upright side branches, and its beautiful blue color makes it stand out. Balled, 4-5 ft., \$6.00; 5-6 ft., \$8.50.

A Fast Growing Hedge or Windbreak

Cupressus forbesi. C6. "Tecate Cypress." 15-20 ft. 10°. A little known native California Cypress, the great value of which was first demonstrated in the Rancho Santa Ana Botanic Garden. It has almost entirely displaced the Monterey Cypress since that variety is very short-lived due to attacks of fungus and borers. There are many strains of *Cupressus forbesi*, but the Armstrong strain is the fastest growing and best shaped tree of all that we have observed. The plants grow with extreme rapidity, and we have observed trees planted 6 feet apart when only 6 inches high which in 30 months were from 11 to 13 feet high and had completely filled in as a solid hedge. The beautiful silvery green foliage fills in thickly and does not die out in the center. It makes a beautiful specimen tree also, forming a tall, compact column of silvery green foliage in a very short time. For windbreak plant 6 to 8 feet apart. Flats of 100 small plants, \$6.00 per 100; gal. tins, 80c; 5-gal. tins, \$2.75.

Arizona Cypress

Cupressus arizonica. C5. "Arizona Cypress." 20-40 ft. 10°. A beautiful bluish-green cypress of narrow pyramidal form from the mountains of Arizona and Northern Mexico. A splendid medium sized bushy windbreak or specimen tree for desert or coast. Gal. tins, 80c; 5-gal. tins, \$2.75.

Tecate Cypress hedge reached 12 foot (height shown here) 2 1/2 years after planting. Photographed at Rancho Santa Ana Botanic Garden.

Stately, long-lived Incense Cedar.

Prostrate Junipers

Sizes Determined by Spread, Not Height. *Juniperus conferta*. C15. "Shore Juniper." 5° below zero. Never more than 1 foot high and spreading to 7 or 8 feet, this Creeping Juniper does well anywhere in California, except in the desert. Dense, dark green foliage. 5-gal. tins, \$3.00.

Juniperus sabina Tamarix. C18. (tamariscifolia.) "Spreading Savin Juniper." 5° below zero. A dense, compact mound of gray-green foliage, spreading to 5 or 6 feet but never more than 18 inches high. The foliage never changes color, and there is nothing finer for a corner where a low, spreading plant is wanted. Gal. tins, \$1.00; 5-gal. tins, \$3.00; balled, 2-3 ft., \$3.50.

Juniperus chinensis San Jose. C11. "San Jose Creeping Juniper." 5° below zero. Never more than about a foot high, it makes a spreading 4 to 5 foot low mound of beautiful grey-green foliage, richer in color than the Spreading Savin Juniper and somewhat lower in growth. It grows with the greatest of ease in almost any climate, hot or cold. Gal. tins, \$1.00; 5-gal. tins, \$3.00; balled, 2-3 ft., \$3.50.

Spreading Juniper

Juniperus chinensis Armstrong. C9. "Armstrong Spreading Juniper." 10° below zero. One of the finest dwarf evergreens is this hybrid Juniper, which makes a dense mass of soft gray-green foliage about 2 feet high and becoming about 5 feet across. Splendid for the foreground of any planting, thriving equally well in sun or shade and adapting itself to any climate. Gal. tins, \$1.00; 5-gal. tins, \$3.00; balled, 2-3 ft., \$3.50; 3-4 ft., \$4.50.

Pfitzer Juniper

Juniperus chinensis Pfitzer. C12. "Pfitzer Juniper." 6-8 ft. 10° below zero. Has bushy, wide-spread, horizontal branches, and forms an immense flat, irregular head of bluish-green foliage, graceful in outline, 6-8 feet in height and the same across. Heat or cold, sun or shade, sea-coast or desert, it does equally well under all conditions, in any climate or soil. Gal. tins, \$1.00; 5-gal. tins, \$3.00; balled, 2-3 ft., \$3.00; 4-5 ft., \$6.00.

Silvery Blue Junipers

Juniperus pachyphloea Silver. C17. "Silver Alligator Juniper." 8 ft. 0°. A beautiful dwarf Juniper, native to Arizona and New Mexico. It makes a loose, round-topped shrub, with most intense brilliant silvery blue foliage, more brilliant than any other conifer that we grow. Hardy anywhere in western United States. Balled, 5-6 ft., \$6.00.

Juniperus virginiana Silver. C19. "Silver Redcedar." 10-20 ft. 10° below zero. This small tree has long been famous for its beautiful silvery blue color, almost whitish blue when the new growth appears in spring. Tall, slender, it grows quite rapidly but can easily be trimmed and kept in a small size if desired. Gal. tins, \$1.25.

Juniperus virginiana Purple Pyramid. C19A. 8-15 ft. 20° below zero. Makes a tall, narrow column, 2 to 3 feet thick at the base and gradually narrowing to a point at the top. Bluish green in spring and summer, purplish plum colored in fall and winter. Easily grown any place. Balled, 4-5 ft., \$6.00.

Juniperus chinensis Blue Columnar. C10. 10 ft. 10° below zero. A tall, narrow column with bright blue-green dense foliage. Long-lived and handsome, thriving in any climate. Balled, 5-6 ft., \$5.00; 6-8 ft., \$8.50.

The black squares under every month below indicate that you can plant conifers during any month in the year.

Month	J	F	M	A	M	J	J	A	S	O	N	D
Ball or Tins	■	■	■	■	■	■	■	■	■	■	■	■

Armstrong Arborvitae

Thuja orientalis Beverly Hills. C31. (beverleyensis.) "Golden Column Arborvitae." 15 to 20 ft. 5° below zero. The tallest and stately of the Chinese Arborvitae, growing into a narrow column of golden green foliage, particularly effective for specimen planting or for framing a doorway. Needs full sunshine to bring out the rich golden color. Balled, 4-5 ft., \$5.00; 5-6 ft., \$7.50; 6-7 ft., \$10.00.

Thuja orientalis Bakers. C29. 10-12 ft. 5° below zero. A tall, narrow column of bright green foliage. A little broader at the base and not quite so fast growing as the Pyramidal below. Balled, 2-3 ft., \$2.50; 3-4 ft., \$3.50.

Thuja orientalis Pyramidal. C33. "Green Pyramid Arborvitae." 10-12 ft. 5° below zero. A tall, narrow column of bright green foliage. Fast growing and thriving anywhere in any climate. Balled, 3-4 ft., \$3.00; 4-5 ft., \$4.00; 5-6 ft., \$6.50; 6-7 ft., \$8.50.

Thuja orientalis Yellow Column. C34. (elegantissima.) "Golden Pyramid Arborvitae." 12-15 ft. 5° below zero. Similar to Beverly Hills but not as tall, with a broader, more bushy base. The green foliage is tipped with golden bronze. Balled, 3-4 ft., \$3.00; 4-5 ft., \$5.00; 5-6 ft., \$7.50; 6-8 ft., \$10.00; 8-10 ft., \$15.00.

Thuja orientalis Compact. C32A. 6-8 ft. 0°. A dwarf compact cone of green all year regardless of cold, sun, wind or rain. Small growing enough to make a good long-lasting accent for planting on either side of steps or to mark an entrance. Balled, 3-4 ft., \$5.00.

Narrow Irish Juniper makes a beautiful, dense, blue-green column.

Two Narrow Junipers

Juniperus communis hibernica fastigiata. C14. 5° below zero. A very narrow and erect columnar plant with soft gray blue-green foliage. Excellent for framing doorways or accenting columns where great height is not desired. Eventually becomes 1½ to 2 feet in diameter but seldom exceeds 6 to 8 feet in height. Balled, 1½-2 ft., \$2.50; 2-3 ft., \$3.00; 3-4 ft., \$4.00.

Juniperus occidentalis. C16. "Columnar Sierra Juniper." 10-20 ft. 20° below zero. It makes a tall, slender compact blue-green column without any pruning whatsoever and grows easily in any climate. From the Sierra Nevada Mountains. Balled, 3-4 ft., \$4.00.

Twisted Juniper

Juniperus chinensis Twisted. C13. 6-8 ft. 5° below zero. A semi-dwarfed plant with densely crowded, tufted, twisted branches which look as if it had been trained artificially. For picturesque beauty it is without equal. Sun or half-shade. 5-gal. tins, \$3.50; balled, 2-3 ft., \$3.50.

Incense Cedar

Libocedrus decurrens. C20. "Incense Cedar." 25 to 50 ft. 5° below zero. A native of the California mountains and one of our finest evergreen trees. Makes a tall, dense, compact pyramid with deep green, lustrous foliage which is delightfully fragrant and pungent. It grows into a magnificent tree anywhere in the Southwest. 5-gal. tins, \$3.00; balled, 5-6 ft., \$6.00; 6-8 ft., \$10.00.

The Fern Pine

Podocarpus elongatus. C24. "Fern Pine." 15 ft. 10°. South African forest tree which in California gardens makes a beautiful medium-sized plant with soft, fine-cut green foliage, fern-like in appearance. It makes a dark green tracery against stucco walls and it fits beautifully into the finest California plantings. Sun or half shade. 5-gal. tins, \$5.00.

Irish Yew

Taxus baccata Irish. C27. (T. hibernica.) "Irish Yew." 5° below zero. This famous Yew is incomparable where a narrow, upright, perfect green column is desired for framing doors or in formal gardens. It is trim, sedate, formal, and has beautiful red berries. Very slow growing, the plants below are already many years old. Balled, 2½-3 ft., \$10.00; 3-3½ ft., \$15.00; 3½-4 ft., \$17.50.

Dwarf Golden Arborvitae

Thuja orientalis Berckmanns. C30. (aurea nana.) "Dwarf Evergolden Arborvitae." 6 ft. 0°. This is the most popular dwarf conifer grown in California and in the Southwestern States. Dwarf, compact and broadly conical in form, the tips of all the branches are covered with bright gold throughout most of the year. See illustration at bottom of page. Gal. tins, \$1.00; balled, 1½-2 ft., \$2.75; 2-2½ ft., \$3.50; 2½-3 ft., \$5.00; 3-3½ ft., \$7.50.

Thuja orientalis Bonita. C32. 0°. The most perfect of the dwarf, cone-shaped green Arborvitae. Never exceeds 5 feet in height, broad and compact. Balled, 1½-2 ft., \$2.50; 2-2½ ft., \$3.00; 2½-3 ft., \$4.50.

Pines

Pinus canariensis. C21. "Canary Island Pine." 80 ft. 10°. One of the most beautiful and permanent of all Pines for California, growing well anywhere in this state. Extremely long needles in large tufts. The new growth is silvery white. Tall and slender. 5-gal. tins, \$3.00.

Pinus halepensis. C22. "Aleppo Pine." 50 ft. 5°. A rapid growing Pine suitable for quick effects, particularly in dry locations. Longer lived than the Monterey Pine and similar in appearance. 5-gal. tins, \$3.00; balled, 5-6 ft., \$5.00; 6-8 ft., \$7.50.

Pinus radiata. C23. "Monterey Pine." 60 ft. 8°. A well-known native of the California coast. Very bushy when young, with bright green foliage. Valuable for quick effects because it is the fastest grower of all Pines. Although native to the coast, it grows readily inland, but is not long-lived there. 5-gal. tins, \$3.00.

In order to avoid errors in filling your order, please be sure to include on your order sheet both the name of the item and the number following the name.

Juniperus sabina Tamarix (below). Excellent for foreground planting.



Giant Sequoia, permanent Christmas Tree. Beautiful at all ages from 1 to 3,000 years.

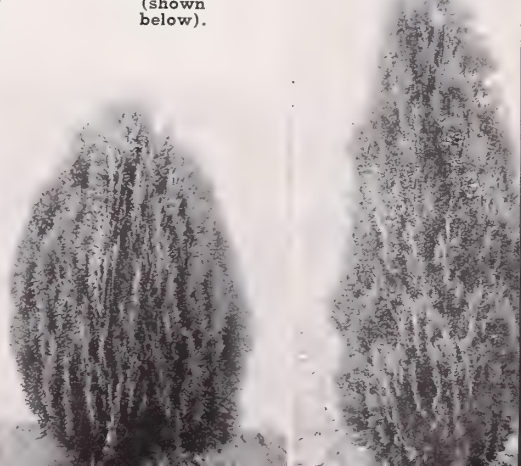
The Giant Sequoia

Sequoia gigantea. C25. "Giant Sequoia." 5° below zero. Everyone knows about the famous "Big Tree" of the Sierras, oldest and largest of all living things, but do you know how trim and beautiful they are when young, with each sturdy little side branch doing its share to form a perfect cone of blue-green foliage? If you plant a small tree now (even in a small yard) as your young son's outdoor Christmas tree, it will still be small enough to decorate when his great grandson is old enough to enjoy it. Thrives anywhere in California except in desert regions. Gal. tins, \$1.25; 5-gal. tins, \$3.50; balled, 2-3 ft., \$7.50.

Sequoia sempervirens. C26. "Redwood." 150 ft. 0°. The well known California Redwoods are among the largest and most picturesque trees known. They grow rapidly into beautiful specimens and thrive readily anywhere on the Pacific Coast except on the desert. Gal. tins, \$1.00; 5-gal. tins, \$3.00.

Golden Column Arborvitae, illustrated at extreme right.

Dwarf Golden Arborvitae (shown below).





Manchou Cherry
(two-thirds natural size)

Armstrong Deciduous

Flowering Quince

They Grow Anywhere. You can enjoy the hardy spring flowering shrubs listed on these two pages no matter where you live because they are not particular as to climate. They produce almost immediately after planting, thousands of gay spring and summer flowers which make colorful cut sprays.

Quantity Discount. If you order 10 or more of one variety of deciduous spring flowering shrub, for instance, 10 Manchou Cherries, take 10% off the listed each price. Or if you order a total of 50 or more assorted ornamental trees or plants as listed on pages 24 to 83, inclusive, you are also entitled to take a discount of 10% from the listed each price on each ornamental so included. Root divisions, plants in flats or in 2 1/4-inch pots should not be counted in figuring these discounts.

When to Plant. All of the deciduous shrubs offered on these two pages are sold with bare roots and are available from January 1st to April 15th only. Those varieties listed in tins or as balled plants may be planted any time.

Shipping Weights. The packing weight of deciduous shrubs averages 3 lbs. for the first plant and 2 lbs. for each additional plant. Gal. tins weigh 10 lbs., 5-gal. tins weigh 50 lbs. See page 42 for shipping costs.

Please include on your order sheet both the name and code number of each variety ordered. This will help us to avoid errors in filling your order.

Place one or two branches of Flowering Quince informally in a vase and you will have a long-lasting natural flower arrangement which everybody thinks is perfect. Here in California they bloom right in the middle of winter and you can cut twigs in the bud and they will open up slowly and beautifully in the house. A plant in the garden, of course, is a magnificent sight. The plants have handsome glossy foliage throughout the summer. Plant in full sun. Hardy down to zero.

Chaenomeles lagenaria Apple Blossom. DS2. 6 ft. Bring "Apple Blossom Time" into your garden and your home with the 1 3/4-inch rose-pink and white blossoms of our favorite Cydonia. In the middle of winter each twig is full of lemon-white buds which suddenly burst open with dainty shades of apple blossom pink and cream. The coloring is indescribably lovely. 2-3 ft., \$2.00.

Chaenomeles lagenaria Rosea Grandiflora. DS5. "Rose Flowering Quince." 6 ft. The earliest deciduous shrub to flower, its leafless branches displaying the brilliant rosy-red flowers in January, and if cut before that time and placed in water in the house they will often open up even in December. 3-4 ft., \$2.50.

Blood Red Quince

Chaenomeles lagenaria Rubra Grandiflora. DS6. "Red Flowering Quince." 6 ft. Immense great blood-red blooms, borne in great profusion over the entire plant. Also blooms with the very earliest in January and February. Cut in the bud stage, they will open in beautiful shades of pink in the house. 2-3 ft., \$2.00; 4-5 ft., \$2.50.

Chaenomeles lagenaria Candida. DS3. "White Flowering Quince." 6 ft. Its sprays of large snowy white flowers are very lovely and when cut for the house, make exquisite table decorations, keeping for many days. Often sets two crops of blooms, one in early winter and the other in the late spring. 3-4 ft., \$2.00.

Rose-of-Sharon

Hibiscus syriacus Coelestis. DS13. "Rose-of-Sharon." (Shrub-Althea). 8-10 ft. 0°. This hardy Hibiscus is a beautiful blue-flowered, large shrub with big 3-inch blooms of rich blue. One of the finest colors in this shade to be found in plants. Rose-of-Sharon is a commonly grown shrub in the Southern and Eastern States, but it grows equally well all over the country, including California. Sun. Gal. tins, \$1.00.

Smoke Tree

Cotinus coggygia. DS9. "Smoke Tree." 8-10 ft. Below 0°. A handsome large shrub with good looking summer foliage, surmounted from July to October with many loose, feathery panicles of minute, purplish-grey flowers which give the effect of a dense cloud of richly colored smoke. The leaves turn vivid golds and yellows in fall. Grows easily anywhere. Full sun. 5-6 ft., \$2.50.

Wintersweet

Chimonanthus praecox. DS8. "Wintersweet." 6 ft. 0°. This handsomely foliaged shrub covers itself before winter is over with lovely, waxy, pale yellow blooms like miniature star-like magnolia blooms which scent the air for yards around with a most delicious fragrance like a mixture of Jonquils and Violets. The lovely fragrant blooms, each 1 inch across, are produced in great profusion. The luxuriant foliage is very handsome all through the summer and fall. It grows easily anywhere. Sun or part shade. Gal. tins, \$1.25.

Blue Stars

Hydrangea villosa. DS14. "Blue Star Hydrangea." 4-6 ft. 10°. You really have a thrill coming when you glimpse the first magnificently colored flower head of this new Hydrangea, which was only discovered in remote China a few years ago. Six-inch flat heads of big, 1 1/2-inch blooms in the most delightful and dainty shade of porcelain-blue that you have ever seen. Much daintier than the ordinary Hydrangea and with handsome big summer foliage, too. Likes shade and plenty of moisture. Gal. tins, \$1.00; 5-gal. tins, \$3.00.

Crepe Myrtle

Lagerstroemia indica. During the hot summer days of July, August and September the Crepe Myrtles are masses of brilliant color. They do not bloom so well directly on the coast, but in the inland valleys of California their crinkled crepe-like flowers are produced in great profusion. The larger kinds become almost tree-like. 12". Prices on all Crepe Myrtles except White. Gal. tins, \$1.00; 5-gal. tins, \$3.00.

Pink Crepe Myrtle. DS20. 10-20 ft. Lovely pastel pink.

Red Crepe Myrtle. DS21. 10-15 ft. Rich watermelon-red.

White Crepe Myrtle. D22. Big, snowy white blossoms. Rarely seen because it is difficult to propagate. Ours are grafted plants. Gal. tins, \$1.25; 5-gal. tins, \$3.50.

Dwarf Red Crepe Myrtle. DS19. Watermelon-red. Reaches 8 feet.

Dwarf Blue Crepe Myrtle. DS18. 8-10 ft. A beautiful dwarf lavender-blue.

Wistaria Bush

Indigofera gerardiana. DS16. "Wistaria Bush." 6 ft. 15°. A handsomely foliaged spreading shrub with rich dark green acacia-like foliage, carrying in the middle of summer many 6-inch clusters of rose-colored flowers which look like Wistaria blossoms. The combination of lacy foliage and bright colored blooms makes a picture hard to beat. Easy to grow. Full sun or part shade. Gal. tins, \$1.00; 5-gal. tins, \$2.00.

Beautybush

Kolkwitzia amabilis. DS17. "Beautybush." 6-8 ft. 0°. A fine hardy flowering shrub from Central China, forming a beautifully foliaged bush, fountain-like in habit, every branch in the spring becoming a plume of lovely bell-shaped pink blossoms, mottled with orange. A shrub that will thrive almost everywhere in sun or shade. Extremes of heat, cold and wind do not bother it. Requires little attention but provides much beauty. 5-gal. tins, \$3.00; bare root, 1 1/2-2 ft., \$2.00.

Purple Lily Magnolia



Purple Lily Magnolia

Magnolia liliflora nigra. "Purple Lily Magnolia." DS24. 8-10 ft. 10°. In gardens the world over the deciduous spring flowering Magnolias are much loved and admired for their great lily-like blooms in the Spring. This particular kind does not get too large for the average garden, and it blooms with great profusion. The plants are covered for almost three months in March, April and May with the beautiful flowers which become 5 1/2 inches across when fully open, rich reddish purple on the outside and creamy white inside. Sun. Plenty of moisture. 5-gal. tins, \$5.00.

Spring Flowering Shrubs

Giant Saucer Magnolia

Magnolia soulangeana White. DS29. "Giant White Saucer Magnolia." 8-10 ft. 10°. A magnificent big bloom, often 7 or 8 inches across, pure white inside, tinted lightly with pinkish lavender on the outside of the petals. The huge cup-shaped flowers cover the entire plant, which is most spectacular when in full bloom. We consider this to be one of the most beautiful and spectacular of all the Chinese Magnolias. It blooms young and heavily. 5-gal. tins, \$5.00; balled, 4-5 ft., \$12.50.

Purple Saucer Magnolia

Magnolia soulangeana Purple. DS28. "Purple Saucer Magnolia." 8-10 ft. 10°. The big 5 or 6 inch flowers, pear-shaped in the bud and opening out to big flat blooms of great beauty, are lilac-purple on the outside of the petals and pastel mauve on the inside. It is one of the showiest of all the Chinese Magnolias. 5-gal. tins, \$5.00.

Star Magnolia

Magnolia stellata. DS30. "Star Magnolia." 5-8 ft. 10°. The first of the Chinese Magnolias to open its blooms in the spring and possibly the most charming. Star-shaped, snowy white blossoms, 3 inches across, with about 15 narrow petals. They cover the entire bush and every plant that we sell should have blooms during the next flowering season. Sweetly fragrant, too. 5-gal. tins, \$5.00; balled, 2-3 ft., \$7.50.

Sweet Fragrance

Philadelphus lemoinei Belle Etoile. DS36. "Purple Spot Mock Orange." 6 ft. 0°. A new *Philadelphus*, quite rare in this country. Its big, white, saucer-shaped flowers, 1½ inches across, have purple spots at the base of each snowy white petal, lending a touch of bright color to the snowy white. Also this variety has a powerful and exceedingly enchanting fruity scent. Easy to grow anywhere and always a mass of flowers in the late spring. Fine for cut flower sprays, also. Sun or part shade. *Philadelphus* are often incorrectly called *Syringa*. Gal. tins, \$1.00; 5-gal. tins, \$3.00; bare root, 2-3 ft., \$2.50.

Philadelphus virginialis. DS37. "Virginal Mock Orange." 6-8 ft. 0°. A greatly improved form of *Philadelphus* (the old-fashioned flower often incorrectly called *Syringa*) with enormous snowy white flowers, 3 inches across, so surpassingly fragrant that they perfume the air for many feet around the plant. It is one of the most delightful spring flowering shrubs and the cut sprays make wonderful indoor decorations. Easily grown anywhere. Blooms May to June. Sun or part-shade. Gal. tins, \$1.00; bare root, 2-4 ft., \$2.50.

Manchu Cherry

Prunus tomentosa. DS49. "Manchu Cherry." 5 ft. 5°. This shrub to you typifies the virtues possessed by the ancient country of its birth, China. Fruitful: The delicious little red cherries crowd each other all up and down the many branches. Beautiful: In the spring many white blooms lay tight against twigs amply provided with large, interestingly textured, green foliage, and in June the crimson fruit shines out like rubies. Stands adversities: Wind, cold, heat, lack of rich soil don't keep it from fruiting. You will enjoy the fruit fresh-picked from the bush, in cherry pies and preserves. This Armstrong strain was selected from three superior types which in turn were selected from thousands of seedlings by the U. S. Department of Agriculture. The only Bush Cherry which has been successful in Southern California. It will, of course, grow well anywhere except the hottest desert areas and should do well in all other climates and locations. Our plants are cutting grown so you are sure to get a sure-bearing, large-fruited specimen. 5-gal. tins, \$3.00.

Bare root deciduous shrubs are shipped anywhere with the greatest of ease by mail or express during January, February and March.

Spirea

Spirea vanhouttei. DS52. "Bridal Wreath." Below 0°. 6 ft. A charming shrub of moderate size which almost everybody knows and wants to enjoy in their garden. Fountaining branches are loaded with their white flowers in spring. Sun. 2-4 ft., \$2.00.

Spirea cantoniensis Double. DS51. "Double Bridal Wreath." 5 ft. Below 0°. Like the above, but slightly smaller and the flowers are double, borne in great profusion. Sun. 2-4 ft., \$2.00.

Spirea bumalda Anthony Waterer. DS50. "Dwarf Red Spirea." 2 ft. Below 0°. Makes a compact little clump entirely covered with light rosy red flower heads in the spring. Very useful because it stays small. Sun or part-shade. Gal. tins, 90c.

Persian Lilac

Syringa persica laciniata. DS57. "Feathered Persian Lilac." 6 ft. Below 0°. This is the finest Lilac for Southern California because it likes our dry summers and warm winters and can always be counted upon to display innumerable panicles of bright lavender flowers over the entire plant in the early spring. It has long arching branches, dainty fern-like foliage, and you can cut great quantities of sweetly fragrant lavender blooms from it in the flowering season. Gal. tins, 80c; 5-gal. tins, \$2.75; bare root, 4-5 ft., \$3.00.

Eastern Lilacs

Syringa. The old-fashioned Lilac with its sweet-scented, delicately colored flowers does well in the colder winter climates of California, but does not bloom as freely in the lower coastal valleys. 0°. All varieties, 2-year plants, \$2.00.

Armstrong Lilacs are cutting grown and do not sucker from the root. Beware of Lilacs grafted on California Privet which are often sold, but which will always cause you trouble by sending up Privet shoots from below the ground.

Mme. Lemoine. DS55. Double white.

Michael Buchner. DS54. Double blooms, a rare shade of rich violet-pink.

Single Purple. DS60. Old-fashioned kind.

Vauban. DS58. Double, purplish lilac.

Pink Tamarix

Tamarix parviflora. DS61. "Feathery Pink Tamarix." 15 ft. 5°. A large shrub with reddish bark and slender, spreading branches, covered in spring and early summer with feathery, pink flowers. Thrives even in alkali, dry desert locations, or where hit by ocean spray. 4-6 ft., \$2.50.

Korean Spice

Viburnum carlesii. DS62. "Koreanspice Viburnum." 5 ft. 0°. Many of our customers rate *Viburnum carlesii* as one of their ten favorite fragrant shrubs. The delicate little coral-pink blooms, borne in 2 to 3 inch heads, become pearl-white as they open, possess a most intense yet delightfully refreshing perfume. A native of the stern climate of Korea, it is hardy everywhere. The dwarf bushy plants are without their greyish-green foliage for only a few fleeting weeks in winter, the leaves turning brilliant red before they fall. Gal. tins, \$1.00; 5-gal. tins, \$3.00.

Old-Time Snowball

Viburnum opulus Snowball. DS64. "Old-Fashioned Snowball." 8 to 10 ft. Below 0°. The favorite old-fashioned shrub, producing an abundance of white globular flower clusters in May and June. Grows anywhere, in any soil under all climatic conditions. 1½-2 ft., \$1.75.

Blue Chaste Tree

Vitex agnuscastus latifolia. DS66. "Blue Chaste Tree." 8 ft. 0°. Good blue flowering plants are scarce. This hardy one is covered in June with 8-inch spikes of bright lavender-blue flowers. Cut the faded blooms and you get more in August. It will be one of the finest flowering plants in your garden during that period—never fails to bloom. Grows easily anywhere in any soil, but must have a sunny position. Prune it back quite severely every winter and you'll get more and bigger blooms the following spring. 5-gal. tins, \$3.00; bare root, 4-5 ft., \$2.50.



The finest Lilac for Southern California is the Feathered Persian. A mass of delightfully scented lavender blooms in spring.

Pink Weigelas

Weigela florida. DS69. "Old-Fashioned Pink Weigela." 6 ft. 0°. We guarantee that you will get a lot of pleasure out of seeing this beautiful little spreading spring-flowering shrub in your garden every year. It makes a plant of about the right size for the average small garden, 4 feet high and 5 or 6 feet across. Its graceful, arching branches are literally loaded in the late spring and early summer with big clusters of trumpet-shaped, cheerful rose-pink flowers which make a wonderful display nestling in the bright green foliage. Full sun or light shade. 3-5 ft., \$2.00.

Weigela Ideal. DS70. "Dark Pink Weigela." 0°. Similar to *Weigela florida* but with larger flowers in a deeper, richer shade of pink. 5-gal. tins, \$3.00; bare root, 2-3 ft., \$2.00.

Dwarf Lavender Crepe Myrtle



Armstrong Deciduous

These trees, which lose their leaves in winter, grow easily anywhere, including the desert regions. They give cool summer shade in the hot season and the soothing warmth of sunshine in winter. Most of them grow very rapidly. In addition to the sizes given on these pages, we have larger specimens of most of these trees. See them at our Display Yards. Sizes and prices given upon request.

As indicated on the calendar, most deciduous shade tree are available in the bare root form only during the winter months. Some kinds are available in tins during the summer.

Month
Bare Root
Tins

J	F	M	A	M	J	J	A	S	O	N	D
■	■	■	■	■	■	■	■	■	■	■	■
□	□	□	□	□	□	□	□	□	□	□	□



Weeping Willow for graceful shade. See next page.

Maple Trees

Acer buergerianum. DT1. "Trident Maple." 15 ft. If you want a small Maple tree with brilliant fall color, this is it. It will fit into the average home garden easily because of its small size, and it has typical, beautifully shaped, 3-inch maple leaves in a rounded compact head. Magnificent red and bronze shades in fall. Grows easily anywhere. Full sun. Gal. tins, \$1.00.

Acer macrophyllum. DT2. "Bigleaf Maple." 40-60 ft. 0°. Big deep green leaves a foot across, and amazingly rapid in growth when young. It makes a beautiful, big, spreading densely-foliaged tree in a very short time. The best summer foliage displayed by any Maple on the Pacific Coast, but it has little autumn color. 5-gal. tins, \$3.00.

Acer saccharinum. DT3. "Silver Maple." 30-60 ft. 10° below zero. This Maple grows readily anywhere on the Pacific Coast and makes a beautiful fast growing shade tree. Displays every fall leaves of the glorious autumn shades. 5-gal. tins, \$3.00; 6-8 ft., \$2.00; 8-10 ft., \$2.50.

Please include both name and code number of each variety ordered, on your order sheet.

Clump of Young California Sycamores.



Quantity Discount. If you order 10 or more of one variety of deciduous shade or flowering tree, for instance, 10 Montebello Ash, take 10% off the listed each price. Or if you order a total of 50 or more assorted ornamental trees or plants as listed on pages 24 to 63, inclusive, you are also entitled to take a discount of 10% from the listed each price on each ornamental so included. Root divisions, plants in flats or in 2 1/4-inch pots should not be counted in figuring these discounts.

Shipping Weights. Bare root deciduous trees weigh, packed for shipment, as follows: 4-6 ft., 5 lbs.; 6-8 ft., 7 lbs.; 8-10 ft., 10 lbs.; 10-12 ft., 16 lbs. These weights are for one tree. Each additional tree will weigh about 20% less. 5-gal. tins weight 50 lbs. each. See shipping costs and information page 42.

White Birch

Betula alba. DT4. "European White Birch." 30 ft. 20° below zero. Its picturesque white bark, dancing, shimmering foliage and slender, graceful shape make the White Birch a favorite everywhere. It is particularly desirable near streams or pools but makes a beautiful little lawn tree. A group of three makes a beautiful picture. 6-8 ft., \$2.25; 8-10 ft., \$3.00.

Weeping Birch

Betula pendula laciniata. DT4A. "Cutleaf Weeping Birch." 20 ft. 20° below zero. The beautiful, picturesque Weeping Birch with a straight, snowy-white trunk from which the bark peels, deeply cut leaves, and slender pendulous branches. Bare root or 5-gal. tins, \$4.00.

Hackberry

Celtis occidentalis. DT5. "Hackberry." 60-80 ft. 0°. A fine shade tree for the hot, dry southwestern country, forming a large, widespreading head of light green foliage. Is not affected by any insects or diseases, and grows in any soil and under all conditions. We recommend it highly for Imperial Valley, Arizona, Nevada and all desert areas. 6-8 ft., \$2.25; 8-10 ft., \$3.00.

Montebello Ash

Fraxinus velutina coriacea. DT8. "Montebello Ash." 25-30 ft. 5°. Our finest Ash for all sections, coast, valley, and desert, with big, dark green foliage, in a dense, compact head. The leaves are not attacked by that enemy of the Ash, red spider. No bothersome seedpods to clean up either. Just right in size for the average parkway or small garden. Holds its foliage late in the fall and comes out early in the spring. 5-gal. tins, \$3.00; bare root, 4-6 ft., \$2.00; 6-8 ft., \$2.50.

Arizona Ash

Fraxinus velutina. DT7. "Arizona Ash." 30 ft. 0°. One of the finest trees for planting in the arid desert sections of the Southwest, although it makes a splendid tree near the coast as well. It requires little water and thrives in alkaline soil, growing with great rapidity. 4-6 ft., \$1.75; 6-8 ft., \$2.25.

Maidenhair Tree

Ginkgo biloba. DT9. "Maidenhair Tree." 30-60 ft. 10° below zero. This ancient Chinese tree is not only good looking all through the summer months when covered with its dark green leaves, shaped like giant maidenhair fern leaflets, but it provides exceptionally beautiful fall color. It becomes a tall spire of shimmering yellow even in Southern California where autumn color is rarely found. Slow growing, full sun. Attains large size only after many decades. Balled, 3-4 ft., \$3.00.

Chinese Flame Tree

Koelreuteria bipinnata. DT10. "Chinese Flame Tree." 20-30 ft. 0°. Here is the most brilliant colored deciduous shade tree imaginable. The color, carried in late summer and early fall, comes from the large brilliant orange-red seed-pods, which are more spectacular than any flowers that you ever saw. A small tree with a rounded, compact head and great long pinnate deep green leaves. Exceedingly handsome throughout the summer. Gal. tins, \$1.00; 5-gal. tins, \$3.00; bare root, 4-5 ft., \$3.00.

Sweet Gum

Liquidambar styraciflua. DT11. "Sweet Gum." 30 ft. 20° below zero. This is one tree which provides just as much color in the fall in California as it does in the East, and in November and December the big maple-like leaves form a tall slender pyramid of gorgeous red and bronze. A splendid small parkway tree and takes little room in the garden. Thrives anywhere from the ocean front to the desert valleys. 5-gal. tins, \$3.00; balled, 6-8 ft., \$5.00; 8-10 ft., \$8.50.

Tulip Tree

Liriodendron tulipifera. DT12. "Tulip Tree." 75 ft. 20° below zero. A favorite because the tall, well formed, pyramidal trees are deep rooted and well furnished with big uniquely notched 5-inch leaves. Tulip-like flowers of yellowish orange, in the spring, shine out against the clear light bluish green foliage, which assumes its autumn color, a vivid shimmering yellow, in early fall. Insects and decay never bother it. 4-6 ft., \$2.50; 8-10 ft., \$3.50; 10-12 ft., \$5.00.

Umbrella Tree

Melia azedarach umbraculiformis. DT13. "Texas Umbrella." 30 ft. 0°. A splendid fast growing tree for either coastal regions or hot interior valleys. The branches radiate from the trunk to form a large, rounded umbrella, densely covered with fern-like leaves and in summer large panicles of lavender flowers. 8-10 ft., \$3.00; 10-12 ft., \$4.00; 12-14 ft., \$10.00.

Fruiting Mulberries

Morus nigra. DT16. "Persian Mulberry." 10-15 ft. 0°. If you are planting a Mulberry primarily for the fruit, then this is the variety you want, for it has the largest and finest fruit of all, two inches long, juicy and aromatic, splendid for juice or preserves. The tree is smaller than the other Mulberries but has big, luxuriant, bright green leaves. 2-3 ft., \$2.00.

Morus rubra. DT17. "Hicks Mulberry." 40 ft. 20° below zero. A strong, upright, fast-growing tree with dense foliage, thriving anywhere and furnishing excellent shade. Bears good sized delicious black berries. A tree for the bird-lover, whether it be robins or only White Leghorns. Splendid for chicken runs. The children like it too. 6-8 ft., \$2.00; 8-10 ft., \$3.00; 12-14 ft., \$4.00.

Shade and Flowering Trees

Fruitless Mulberry

Morus Kingan Fruitless. DT15. 30 ft. 5° below zero. One of the finest shade trees for any region, particularly the desert sections, for it gives dense shade in an amazingly short time and stands any amount of heat, drought, cold and alkali. For street and many garden locations, fruit on a Mulberry is undesirable, and this variety is absolutely fruitless. Only the Chinese Elm can compete with it for vigor and all-around desirability in the hot climates. 6-8 ft., \$2.25.

Weeping Mulberry

Morus alba pendula. DT14. "Weeping Mulberry." 8 ft. 5° below zero. From a height of eight feet the branches of this beautiful little weeping tree curve gracefully right to the ground, forming a dense umbrella-shaped head which may be left to grow naturally as a beautiful lawn specimen or may be trained out horizontally over a frame-work to make a wide roof of living green. Grows anywhere. 3-yr., 6-8 ft., \$3.50.

European Sycamore

Platanus acerifolia. DT19. "European Sycamore," "London Plane." 60 ft. 20°. One of the finest deciduous shade and street trees in existence. Grows rapidly, has large maple-like, bright green leaves, is symmetrical and uniform in shape, and grows almost anywhere. Makes a dense shade and may be heavily pruned if desired. An all-purpose tree for summer shade. Grows anywhere. 6-8 ft., \$2.50; 8-10 ft., \$3.00. We have larger specimen trees, priced individually.

California Sycamore

Platanus racemosa. DT20. "California Sycamore." 60 ft. 0°. Throughout all of California this has been one of the most popular home shade trees, and is undoubtedly the most beautiful native California deciduous tree, with its picturesque green foliage and irregular mottled white trunk. Grows easily anywhere and is indifferent to soil or moisture, making a particularly fine tree for lawn specimen. 6-8 ft., \$2.50; 8-10 ft., \$3.00; 12-14 ft., \$5.00. We also have some 8-10 ft. "clumps", irregular, picturesque, branched specimens, at \$5.00. For those who want a big tree immediately, we have other very large specimens which are priced individually.

Chinese Pistachio

Pistacia chinensis. DT18. "Chinese Pistachio." 20-40 ft. 5°. A handsome round-headed tree with attractive pinnate foliage. Before the leaves drop they turn brilliant glowing autumn hues. Even in Southern California it is always a mass of brilliant glowing yellow, scarlet and crimson in autumn. Grows well anywhere from seacoast to desert. See page 13 for the nut bearing Pistachio. 10-12 ft., \$3.00; 12-14 ft., \$4.50.

Flowering Cherry Daybreak—Thousands of lovely pink blooms (twice as large as below)



Lombardy Poplars

Populus nigra italica. DT21. "Lombardy Poplar." 50-75 ft. 20° below zero. The tall, slender, narrow Poplar so valuable for lining driveways, tall border planting, or for accentuating certain types of architecture. Grows very rapidly. 6-8 ft., \$1.75; 8-10 ft., \$2.50; 10-12 ft., \$3.50.

Cottonless Cottonwood

Populus fremonti Thornber. DT22. "Thornber Cottonwood." 50-75 ft. 0°. A splendid fast growing large shade tree for Arizona, Nevada and the inland arid sections of California. Very large size, vigorous growth, clean white bark and handsome foliage of the Cottonwood but with none of the bothersome "cotton" so objectionable on many Cottonwoods. 6-8 ft., \$2.00.

Weeping Willow

Salix babylonica. DT23. 40 ft. 0°. The well-known picturesque "Weeping Willow." Large, spreading top and long pendulous branches. Thrives in dry or wet soils and grows rapidly. Grows anywhere. 6-8 ft., \$2.00.

Chinese Elm

Ulmus pumila. DT23A. "Chinese Elm." 40-60 ft. 0°. No tree in our entire list will exceed this one for rapidity of growth, and it is being very widely planted all over the country, particularly in dry interior sections, because it adapts itself to any climate and is indifferent to extremes of heat, cold, drought and alkali. It is one tree which can be planted anywhere and which will be certain to succeed. A good-looking tree, too, giving plenty of shade. Gal. tins, \$1.00; 5-gal. tins, \$3.00; bare root, 8-10 ft., \$2.50; 10-12 ft., \$3.50. Large specimens priced on request.

Flowering Cherries

Flowering Cherry Daybreak. DS42. 10-15 ft. 0°. Flowering Cherries have an exquisite loveliness all their own. Every California garden should have at least one to welcome spring, and there is none better for Southern California than this beautiful kind. The very large, single, pink flowers appear before the leaves in such profusion that the tree is a foamy mass of pink. Give it a reasonable amount of water in the summer and a west or east exposure and you will have a magnificent show every year. 2-3 ft., \$1.75.

Flowering Cherry Campanulata. DS40. 10-15 ft. Brilliant rosy red single flowers appear two months before other Flowering Cherries. Always blooms heavily. 2-3 ft., \$1.75.

Flowering Cherry Shirofugen. DS48. 10-15 ft. Deep pink in the bud, pale pink in the open flower. Great clusters of big, double, carnation-like blooms. 2-3 ft., \$1.75.



Bechtel's Double Rose Flowering Crab, Violet Scented. (Reduced two-thirds.)



The showy spring blooms of Flowering Peach.

Flowering Crab Apples

Even one Flowering Crab in a garden will provide a delicate spot of color so delightful and picturesque that its blooming period will be one of the important events of the year. Below zero.

Malus arnoldiana. DS32. "Arnold Crab." 8-10 ft. Dwarf and bushy with very large rose colored flowers, turning white as they age. 4-5 ft., \$2.00.

Malus purpurea Eley. DS34. "Eley Crab." Beautiful, single, deep pink flowers. The leaves come out purplish red, fading to a delightful bronzy green, then turning red again in the fall. Exquisite in both flower and foliage. 4-6 ft., \$2.00.

Malus ioensis Bechtel. DS33. "Bechtel's Double Rose Flowering Crab." 8-12 ft. Small, rounded, bushy tree, covered in early spring, just after the foliage appears, with large, beautiful, fully double flowers like small roses in a soft, delicate pink color, deliciously violet-scented. Exceedingly free flowering. 2-4 ft., \$2.50.

Flowering Peaches

For spring color nothing excels the Flowering Peaches, which grow with the greatest ease anywhere and never fail to produce a great profusion of bloom. The trees are not only a source of great admiration in the garden but they enjoy having their branches cut for indoor use. 0°. The price on all varieties below, \$1.75.

Early Rose Pink. DS44. The earliest of all.

Early Red. DS46. A magnificent ruby-red.

Pure White. DS47. Immense snow-white blooms.

Peppermint. DS45. Striped pink, red and white. Very showy.

Three Salesyards

There are three big Armstrong Salesyards (no other branches or agents) at 408 North Euclid Ave., Ontario, 12908 Magnolia Blvd., North Hollywood, and 4440 Sepulveda Blvd., Culver City. You'll find a complete stock of Armstrong Products at each location. Direct all mail orders and inquiries to the Ontario office.

Colorful Armstrong Perennials

Lily of the Nile

Agapanthus africanus Blue. P1. "Lily of the Nile." 15°. 8-inch heads of sparkling blue flowers on 2-ft. stems, rising from a clump of deep green strap-like leaves. 90c.

Anemone

Anemone japonica. "Windflower." 0°. Delicate, 2-inch, waxy blooms on tall 2-foot stems over large, handsome foliage. Plant in shade or half-shade. We have two varieties, *Crested Pink* (P2) and *Whirlwind* (P3), white, both of which are semi-double. Nothing finer for September and October bloom. 80c.

Everblooming Daisy

Arctotis acaulis hybrid. P4. 10°. The most popular perennial we have ever offered is this bushy South African plant, 1 to 2 feet high and as much across, which frequently carries 40 or 50 magnificent 3-inch flowers at one time in brilliant shades of orange, yellow, lavender, pink, white or purple. Each plant is different in color, and we can't guarantee to furnish any exact shade. They are at their best in late fall, early winter and early spring, and usually produce some blooms the entire year. Full sun. 90c.

Wonder of Staefa

Aster frikarti. P6. 20°. One of the finest perennial plants. It will provide a mass of lavender-blue flowers, 2 to 2½ inches across, from June 1 to December 1, without a break. Not only a splendid show in the garden, but excellent for cutting. Grows easily anywhere. Full sun or part shade. \$1.25.

Bergenia cordifolia. P7. 15°. Big broad thick leaves, making a dense clump about 15 inches high, with quantities of 12-inch spikes of pink flowers all through the winter. Shade. 80c.

Bletilla hyacinthina. P9. "Terrestrial Orchid." 20°. Beautiful perennial orchid with lavender-pink flower spikes. See page 51. \$1.00.

Serbian Bellflower

Campanula poscharskyana. P11. "Serbian Bellflower." 10°. This trim little blue flowering plant will cascade over rocks or hang down from pots or hanging baskets, and we know of no finer plant as a border along the edge of the lawn or in front of shrubs. It makes a beautiful little clump of evergreen, violet-like foliage about 4 to 6 inches high and 12 to 18 inches across. For many weeks in early summer it is covered with hundreds of little starry, bell-shaped lavender-blue flowers about 1¼ inches across, borne on 6 to 8-inch stems. Grows easily in shade or semi-shade in any soil. The cheeriest little plant imaginable with all of those little blue faces looking up at you. 80c.

Showy Cannas

Cannas. 15°. Handsome, big foliage and large showy flowers, blooming from early summer until frost. Full sun. Root divisions, 40c each, \$3.50 per 10 of one kind.

City of Portland. P13. 3½ ft. Deep pink with peach throat markings.

Eureka. P14. 3 ft. White, yellow center.

President. P17. 5 ft. Orange-scarlet.

Razzle Dazzle. P18. 3½ ft. Orange, yellow spots.

Wyoming. P19. 5 ft. Orange blooms, bronze leaves.

Dainty Dwarf Blue

Ceratostigma plumbaginoides. S37. (*Plumbago larpentae*.) "Dwarf Blue *Plumbago*." 15°. The deep rich blue flowers of this dwarf spreading plant (6 to 8 inches) are welcome anywhere in the garden. Such cooling color is especially appreciated during this plant's summer and fall blooming season. Semi-shade or sun. 70c.

Kafir Lily

Clivia miniata. P13B. "Kafir Lily." 24°. You'll be much pleased when you see as many as a dozen dazzling orange-scarlet flowers which look like lilies rise on their 18-inch stems from the clump of broad, dark green, strap-like foliage. Creates a bright spot all winter in a sheltered, shady corner. \$2.00.

Star of the Veldt

Dimorphotheca ecklonis. P24. "Star of the Veldt." Large, spreading plant becoming 4 feet high and more across, with large, 3-inch, pale blue flowers in late winter and spring. 80c.

Blue Dianella

Dianella tasmanica. P22. 10°. We enthusiastically recommend this permanent little perennial for a semi-shady spot. The 2-foot clump of grassy foliage is beautiful the year around, and in spring appear spikes of the most brilliant sky-blue flowers which turn later in the summer into big, 1½-inch, oval berries, a lovely and fascinating shade of turquoise-blue. We are unable to decide whether the flowers or the berries are the loveliest but the berries are beautiful for bowl arrangements. \$1.00.

Fairy Wands

Dierama pendula. P23. 15°. A delightful clump of grass-like foliage, 2 feet high, which carries in the spring 3-foot stems, slender, wiry, swaying in the breeze, from which hang the lovely pink, bell-shaped flowers. Excellent for cut material and beautiful in the garden. Sun or semi-shade. \$1.00.

Pride of Madeira

Echium fastuosum. P25. 15°. From the Island of Madeira in the South Atlantic. Each plant makes a large clump 3 or 4 feet high and 4 feet across made up of enormous blue flower spikes, blooming in June. Likes open warm sunny location where drainage is good. 80c.

Beauty in Blue and Gold

Felicia aethiopia Compact. P25A. 15°. You will be amazed at the brilliant display of blue and gold this 12-inch, compact gem of a plant will provide all through the spring, summer and fall. The dainty, 1-inch, daisy-like blooms almost hide the plant, they are so numerous. This is a cutting grown strain that we have selected ourselves. 80c.

Geum Prince of Orange. P27. 0°. A beautiful clump of big, strawberry-like foliage surmounted in the spring with 2-foot flower spikes carrying magnificent double 2-inch blooms of brilliant orange. Sun. Plenty of moisture. 80c.

Transvaal Daisies

Gerbera jamesoni Hybrids. P26. Gerberas are lovely cut flowers. You will like our selected large-flowered, long-stemmed strain. The colors range from straw through pink, yellow, orange to brilliant scarlet and crimson. We sell mixed colors only. Full sun. Bare root divisions, 3 for 75c; 12 for \$2.40; 100 for \$15.80.

Perennial Sunflower

Helianthus angustifolius. P27A. 0°. Hundreds of brilliant dark-centered, golden yellow flowers, 3 inches across on a 6-foot plant. Do not confuse these with the coarse sunflowers. Of the Black-eyed Susan type of bloom, these are the best there are, and they make September a glorious month in the garden. Full sun. 80c.

Heliotrope

Heliotrope. There is no more delightful fragrance than that of the Heliotrope. In the garden they make a delightful spot of color, and they are beautiful cut flowers too. Usually bloom all through late summer and fall. We have the *Queen Margaret* (P29), rich purple, and *King of the Blacks* (P28), Violet. 80c.



Pride of Madeira

Perennials are Permanent

Perennials bloom year after year in the garden. They are much easier to grow than annuals, which have to be replanted every year. Some perennials have evergreen tops, while some die down to the ground every winter and come up again in the spring. At our three Salesyards you'll find others than those listed here, as well as a complete supply of annual flowering plants.

Sizes: Unless another size is specially mentioned, the prices indicated for the plants listed below are for plants in gallon containers.

Quantity Discount: If you order 10 or more of one variety of perennial, for instance, 10 *Campanula poscharskyana*, take 10% off the listed each price. Or if you order a total of 50 or more assorted ornamental trees or plants as listed on pages 24 to 63, inclusive, you are also entitled to take a discount of 10% from the listed each price on each ornamental so included. Root divisions, plants in flats or in 2¼-inch pots should not be counted in figuring these discounts.

Shipping weight of gal. tins is 10 lbs. each; 4-inch pots, 3 lbs.; flats, 50 lbs.

Please include on your order sheet both the name and code number of each variety ordered. This will help us to avoid errors in filling your order.

Daylilies (*Hemerocallis*). Flowers 6 to 8 inches long, 4 to 6 inches across.



Are Permanent and Easily Grown

Everblooming Day Lilies

Hemerocallis. "Day Lilies." 2-4 ft. 10°. The large, lily-like flowers keep on coming from spring to fall above a handsome clump of narrow leaves. Many are very fragrant and they'll provide color as freely all through the summer and fall as anything you can plant. Easily grown in any soil. Sun or half shade. 70c.

Calypso. P31. Fragrant, 5 to 6-inch yellow flowers.

Gypsy. P34. Rich deep gold-orange color; with deeper golden brown basal markings.

J. A. Crawford. P32. Apricot-yellow.

Kwanso Floreplena. P35. Double bronze.

Mahogany Red. P35A. Rich deep bronzy red. Very large flowers.

"Red Hot Poker"

Kniphofia. "Red Hot Poker." 0°. Long upright stems at their ends have a fiery 5 or 6-inch long cone made up of brilliant firecracker shaped blooms tightly packed together. We have **Goldtower** (P40) (brilliant golden yellow tipped with scarlet, 4-5 ft.) and **Royal Standard** (P39) (brilliant orange-scarlet, 3-4 ft.). 70c.

Marguerites

Marguerite. Popular, free blooming, fast growing, winter and spring blooming plant. We have **Single Yellow** (P44) and **Single White** (P43). 3-4 ft. high. Full sun. 70c.

Iris Moraea

Moraea iridioides. P46. Iris-like plant, white flowers marked with yellow and blue. Blooms from spring to late fall. Full sun. 80c.

Moraea bicolor. P45A. Has creamy yellow flowers with brown markings. 80c.

Geraniums

Geraniums bloom almost the year around in California, and often are at their best in the middle of winter. Fine for the open garden or for pot plants for wall, patio or terrace. Botanically, Geraniums are all Pelargoniums, so don't be confused if you see the name Pelargonium on the label. 23°.

All Geraniums listed below: 90c.

E. G. Hill. P49A. Clear live pink.

Marguerite de Layre. P51. Dble., pure white.

Maxine Kovaleski. P52. Copper-scarlet.

Radio Red. P53. Brilliant single scarlet.

Ivy Geraniums. Your choice of **Red** (G19), or **Pink** (G20). 4-inch pots, 60c.

Pelargoniums

For coastal regions there is nothing finer than the Lilliant-hued Pelargoniums (Martha Washington Geraniums.) 3-4 ft. Both sun and half-shade. All following varieties, 90c.

Edith North. P49. Rose-pink, darker pink center.

Lavender Queen. P50. Clear lavender.

Sue Jarrett. P55. Salmon-pink, shaded rose.

Perennial Phlox

Phlox decussata. For great masses of bloom in summer and fall in the richest and loveliest of colors, for cut flowers, too, there is nothing better than these easily grown, gloriously hued Phlox, which are never-failing in their profusion of big, bright colored flower heads. 0°. Weight: 12 plants, 2 lbs.

Strong root divisions: 1 for 50c; 10 for \$4.50.

Daily Sketch. P60. Pink with rose eye.

Leo Schlageter. P61. Orange-scarlet.

Lillian. P61A. Rose-red.

Morgenrood. P61B. Rose-pink, scarlet eye.

Salmon Beauty. P61A. Flame-pink and salmon.

Beacon. P58. Brilliant cherry-red.

Mrs. Chas. Dorr. P62. Pale lavender.

Mrs. Jenkins. P63. Pure white.

Rijnstroom. P64. Rose-pink.

Von Hockberg. P65B. Brilliant red.

Blue Cup-Flowers

Nierembergia frutescens. P47. "Blue Cup-Flower." 2-3 ft. 15°. Fast-growing, bushy, covered from late spring until late summer with shallow, cup-shaped, light violet-blue flowers, one inch across. Full sun. Dry soil. 70c.

Nierembergia hippomanica. P48. 15°. 12 inches high, 18 inches across, becoming a solid, rounded mound of deep violet-blue flowers throughout the entire summer. Sun. Dry soil. 70c.

Colorful Penstemons

Penstemon heterophyllus. P56. "Blue Gem." 0°. Dwarf. 12 inches. Bright blue. Exceedingly effective for sunny blue border. A native. 80c.

Penstemon Sensation. P57. 2-3 ft. Giant flower spikes, many colors, white to deep crimson, mostly rose-pink. Blooms almost entire year. Sun. 80c.

Yellow Flax

Reinwardtia indica. P66. 15°. 2-4 ft. A brilliant flashy spot of sunshiny yellow in the middle of winter; 2-inch, bell-shaped flowers in great quantities. Sun or shade. 80c.

New Shasta Daisies

The improved kinds listed below are becoming tremendously popular. They grow just as easily as old kinds, bloom as much and make wonderful cut flowers. 15°.

Esther Reed. P71. 2 ft. A symmetrical, pure white, medium-sized double Shasta Daisy with a full, white, double center, 2 1/2 to 3 inches across. Cut blooms of this variety brought a tremendous price on the cut flower market last year, so you know how fine they are for cutting. 90c.

Chiffon. P70. 12 inches. Small flowers with daintily frilled petals. 90c.

Lasting Lavender Sprays

Statice perezii. P73. (Limonium.) "Sea Lavender." Tufts of broad, shiny leaves and immense candelabra-like heads of purplish blue flowers which can be cut and dried to keep indefinitely. Fine near coast. 80c.

Fragrant Herbs

Green Thyme (P76) and **Thyme Variegated** (P76B). 8 inches. 10°. It's nice to have one of these fragrant foliage, dwarf clumps tucked in some corner. Both have lavender-blue flowers. 80c.

Thymus nitidus. P75. "Pink Thyme." 18 inches. 10°. A very lovely pink-flowered Thyme with gray fragrant foliage. 80c.

Salvia officinalis. P67. "Green Sage." 10°. The kitchen favorites. 80c. Also **Variegated Sage** (P68). 80c.

Mentha spicata. P45. Mint to you. For mint sauce, mint jelly and mint juleps. 80c.

Lavender Surprise

Tulbaghia cepacea. P78. 10°. You'll have a pleasant surprise in July when you see the lovely lavender-mauve flower heads of this little bulbous plant, borne on the end of 18-inch stems. You'll be more surprised when it keeps right on flowering up until November. Makes an evergreen clump a foot across and a foot high. Sun near coast. Part shade inland. 80c.

Trachelium caeruleum. P76A. 2 ft. Great spreading panicles of bright blue flowers. 80c.



Serbian Bellflower
(Campanula poscharskyana)

Fragrant Violets

Violets. What plant can equal the fresh, sweet fragrance of the Violet and the delightful loveliness of its coloring? The answer is, "none." We offer **Princess of Wales** (P87), the longest stems and finest fragrance. Also **President Herrick** (P86), the biggest flowers and finest foliage. Also **Viola odorata rosina** (P88) "Pink Violet." Flats of 100 plants, \$7.00.

Calla Lilies

Zantedeschia aethiopia. P90. "White Calla Lily." The best and most free-blooming form of this favorite white flower. Splendid for a shady spot. \$1.00.

Zantedeschia Elliottiana. P91. "Golden Calla Lily." The flowers are a rich golden yellow and the large green leaves are marked with silver. \$1.00.

Zantedeschia aethiopia Baby White. P89. Dainty, miniature white blooms, only 12 inches high. 4-inch pots, 75c.

Pink Zephyr

Zephyranthes grandiflora. P92. "Pink Zephyr." (Flower of the West Wind.) 15°. A delightful and surprising little perennial with grassy foliage 6 to 8 inches high. The beautiful lily-like rosy pink blooms appear on 12-inch stems and keep coming time after time during the summer and fall. Easily grown in any shady or semi-shady spot with a reasonable amount of moisture. \$1.00.



Arctotis acaulis.
Blooms all the year.

Armstrong Select

Nothing improves the California landscape more than evergreen trees. We need all of the green foliage that we can get and we need summer shade. You'll find many magnificent trees here which are rarely seen in California because planters simply do not know how lovely they are. Such trees include the Pearl Acacia, Orchid Tree, Cape Chestnut, Shamel Ash, Sweetshade, Flowering Oak and Dwarf Magnolia.

Quantity Discount: If you order 10 or more of one variety of evergreen tree, (for instance, 10 Carob trees) take 10% off the listed each price. Or if you order a total of 50 or more assorted ornamental trees or plants as listed on pages 24 to 63, inclusive, you are also entitled to take a discount of 10% from the listed each price on each ornamental so included. Root divisions, plants in flats or in 2 1/4-inch pots should not be counted in figuring these discounts.

Three Salesyards: There are now three Armstrong Sales and Display Yards (no other branches or agents) at which you may select from a full supply of Armstrong products. In addition to our home display yard at Ontario, our North Hollywood Branch on Magnolia Blvd., at Coldwater Canyon Ave., serves all of the San Fernando Valley and adjacent territory. Our new Culver City Branch on Sepulveda Blvd., five blocks south of Washington Blvd., is convenient for all of Los Angeles and the beach cities.

Shipping Weights: The average shipping weight of plants in 5-gallon tins is 10 lbs. each, for plants in 50 lbs. each. See pages 41 and 42 for shipping costs and information.

When to Plant: The black squares under each month in the calendar below indicate that you can plant evergreen shade trees during every month in the year.

Months	J	F	M	A	M	J	J	A	S	O	N	D
From Tins	■	■	■	■	■	■	■	■	■	■	■	■

Please include on your order sheet both the name and code number of each variety ordered. This will help us to avoid errors in filling your order.



Flowers of the Orchid Tree (pink, purple and yellow). The tree is full of them in early summer. Note the handsome foliage too.

Fast Growing Acacias

Acacia baileyana, T1. "Silver Wattle." 30 ft. 15°. Probably the most handsome of all Acacias, with beautiful fernlike, silvery blue-green foliage. Completely enveloped from January to March with great sprays of lovely fragrant lemon-yellow flowers. Large spreading and fast growing, it makes a beautiful garden tree. Gal. tins, 90c; 5-gal. tins, \$3.00.

Acacia longifolia, T3. (floribunda.) "Ever-blooming Acacia." 25 ft. 18°. A fast growing upright tree, making a dense round head. Long, narrow leaves, small creamy yellow flowers blooming constantly during summer. If you want a neat, compact, good-looking tree in a very short time and one that does not take very much care, this one will fill the bill. Gal. tins, 80c; 5-gal. tins, \$2.75.

Dwarf Pearl Acacia

Acacia podalyriatolia, T4. "Pearl Acacia." 15 ft. 18°. This dwarf spreading Acacia has the showiest and most spectacular flowers; immense clusters of brilliant big canary-yellow flower balls borne in profusion right through the middle of winter, from November to February, and usually in full bloom at Christmas time. We think it is the most beautiful flowering tree, during December and January, that can be grown in Southern California. And you can fill big vases with the gloriously bright, fragrant blossoms for your holiday festivities. The beautiful, large, velvety, blue-gray foliage makes a perfect background for the lovely fragrant flowers. Plant in full sun. Gal. tins, \$1.00; 5-gal. tins, \$3.00.

The Lovely Cape Chestnut

Calodendrum capense, T6. "Cape Chestnut." 25-40 ft. 15°. The finest native flowering tree of South Africa and just as fine here in California. Makes a medium sized rounded head of foliage which in early summer is almost solidly covered with great 6 to 12-inch panicles of unbelievably beautiful rosy-lavender blooms. Not difficult to grow anywhere in Southern California except desert and mountain areas, partially losing its leaves in April just before the flowering season. Likes full sun, light soil, little water. Gal. tins, \$1.25; 5-gal. tins, \$3.50.

The Orchid Tree

Bauhinia purpurea, T5. "Orchid Tree." 15 ft. 22°. An exceedingly showy small tree with two-lobed leaves and quantities of magnificent large flowers, deep pinkish-lavender in color with brilliant markings of purple and yellow, 3 inches or more across. It grows easily anywhere except directly on the coast, standing any amount of heat and a considerable amount of cold. It makes a good cut flower, and if you would like a whole tree full of orchids in your garden, just plant one of these beautiful Bauhinias, which will cause your neighbors to come from blocks around in May or June to admire the sight. It is a tree which takes little more room than a large sized shrub and can be fitted into almost any roomy, sunny corner of the garden. It partially loses its leaves in April in order to display its beautiful flowers to better advantage. 5-gal. tins, \$3.00.

The Carob

Ceratonia siliqua, T8. "Carob." 40 ft. 16°. Its symmetrical shape and dense, glossy, evergreen foliage, the same throughout the year, makes the Carob one of the most desirable trees for street planting or all-year home shade. It is long-lived, deep-rooted, does not become too large, and is a most satisfactory tree under all climatic conditions. Gal. tins, 90c; 5-gal. tins, \$3.00; large specimens in 16-inch boxes, \$15.00.

The Camphor Tree

Cinnamomum camphora, T10. "Camphor Tree." 75 ft. 10°. The Camphor often attains great size, but not for many years, and because of its moderate growth and regular form it is often used as a parkway or garden tree. Always handsome with its dense, bright green, glossy foliage tinged with rich bronze in spring. 5-gal. tins, \$2.75; large specimens in 16-inch boxes, \$15.00.

Fruit and Shade, Too

Avocado. If you would like to have in your garden a beautiful, luxuriantly foliaged, evergreen shade tree which will also provide excellent fruit, we suggest a Duke, Jaina, Leucadia or Zutano Avocado tree. See pages 22-23.

Lily of the Valley Tree

Clethra arborea, T11. "Lily of the Valley Tree." 15-20 ft. 20°. This beautiful little evergreen tree from Madeira, with long, shiny 4-inch leaves, is loaded in the late summer and early fall with magnificent panicles of little, white, cup-shaped flowers which are extremely fragrant. Its handsome foliage, dainty flowers and exquisite fragrance all combine to make it one of the most valuable small flowering trees. Best where protected from dry winds and hot reflected sun. Plenty of moisture. 5-gal. tins, \$3.00.

Summer-Holly

Comarostaphylis diversifolia, S55A. "Summer-Holly." 10-15 ft. 15°. Listed with the shrubs (see page 49) but it makes a tall, slender, little tree so we suggest it here. Long, shiny leaves, white, manzanita-like flowers and clusters of brilliant red berries in summer. Gal. tins, \$1.50; 5-gal. tins, \$4.00.

The trim, symmetrical Carob tree.



Evergreen Trees

Eucalyptus

Eucalyptus camaldulensis. T13. "Red Gum". 80-120 ft. 12°. A rapid grower with long, narrow leaves which endures much heat, severe frost and considerable drouth. Much hardier than the Blue Gum, it is widely planted for windbreak and shade in California and Arizona where a large tree is needed and plenty of space is available. Flats of 100 small plants, \$5.00; gal. tins, 80c; 5-gal. tins, \$2.75.

Eucalyptus polyanthemos. T18. "Redbox Gum." 40-75 ft. 14°. Medium-sized, spreading tree, with round leaves, thriving anywhere in California or Arizona, being resistant to extreme frosts, heat or drouth. Flats of 100 small plants, \$5.00; gal. tins, 80c; 5-gal. tins, \$2.75.

Fast Growing Blue Gum

Eucalyptus globulus. T15. "Blue Gum." 150 ft. 18°. One of the fastest growing trees in the world and the most widely planted in California. Much used for orchard windbreaks and fuel; thrives anywhere except in very cold sections or in the desert. The young growth has a beautiful blue color. Do not plant it except where you have plenty of room for its roots to spread and where you want a tree that will really get large and tall. Flats of 100 small plants, \$5.00; gal. tins, 80c; 5-gal. tins, \$2.75.

Eucalyptus globulus compacta. T16. "Bushy Blue Gum." 20-30 ft. 18°. A variety of the Blue Gum which has no main trunk but is very bushy and densely branched, forming a symmetrical, rough, compact head. A small percentage of the plants from flats may be the regular Blue Gum. We consider this one of our best plants for a quick growing screen. Flats of 100 small plants, \$5.00; gal. tins, 80c; 5-gal. tins, \$2.75.

White Gum

Eucalyptus viminalis. T21. "White Gum." 125 ft. 10°. One of the most beautiful of the Eucalypti, with a smooth white trunk, shedding its bark in long ribbons. A wide-spreading picturesque crown, long pendulous branchlets and narrow lance-shaped leaves. Almost as fast-growing as the Blue Gum and much hardier, thriving from the seacoast to the hottest desert. Of the very large growing Eucalyptus, we believe this is possibly the most beautiful and picturesque. Give it plenty of room. Flats of 100 small plants, \$5.00; gal. tins, 80c; 5-gal. tins, \$2.75.

Tall and Pink-Flowered

Eucalyptus sideroxylon rosea. T20. "Pink Ironbark". 20-40 ft. 15°. A tall, slender tree of moderate size, with masses of delicate pink flowers contrasted with the slender silvery-gray leaves. A more uniform grower than the Scarlet Eucalyptus and much hardier, thriving in almost any climate. Gal. tins, \$1.00; 5-gal. tins, \$3.00.

Shade for Patios

Ficus retusa. TT7. "Indian Laurel." 20 ft. 25°. A compact rounded head of thick, rubbery leaves. Grows well in locations where there is very little room for roots. Fine for small parkways, patio corners and other locations where a trim little tree is wanted. Coast or inland. Gal. tins, \$1.00; 5-gal. tins, \$3.00; specimens in tubs, \$7.50.

Evergreen Mexican Ash

Fraxinus uhdei. T22. "Shamel Ash." 25-30 ft. 15°. Mr. A. D. Shamel of the U. S. Dept. of Agriculture was in Mexico several years ago and admired this splendid evergreen Ash so much that he brought back seeds for propagation in California. We like the beauty of the long, glossy, 18-inch pinnate leaves, its convenient medium size, tall, slender shape and its clean, cool, firm appearance. The young trees have grown very rapidly here. 5-gal. tins, \$3.00; balled, 6-8 ft., \$4.00; 8-10 ft., \$6.00; 10-12 ft., \$8.50.

Grevillea

Grevillea robusta. T23. "Silk Oak." 75 ft. 15°. A tall, slender tree, with fern-like leaves; covered in early summer with comb-like golden yellow flowers 6 inches long. Drouth and heat resistant. 5-gal. tins, \$2.75.

Lemon-Scented Gum

Eucalyptus citriodora. T14. "Lemon-Scented Gum." 40-80 ft. 20°. A picturesque tree which sends a slender, straight white trunk towering high in the air, with a graceful crown of foliage at the top. Grows rapidly. The long, slender leaves are pungently lemon-scented. 5-gal. tins, \$3.00.

Flowering Eucalyptus

The lovely Dwarf Eucalyptus, below, with colored blooms of exceptional beauty, are adapted to small gardens. Exceedingly valuable for the unique and colorful cut flower sprays which they supply for the house. They usually bloom in late summer and fall. Keep them staked and pinch back while young to keep them bushy.

Eucalyptus crucis. TT2. "Southern Cross Eucalyptus." 10 ft. 24°. At Christmas time the unique blue-gray foliage is capped with clusters of lovely blue-gray flower buds which make the most beautiful table decorations, later opening into lovely primrose-yellow flowers. A small, spreading tree hardly larger than a large shrub. Gal. tins, \$1.25; 5-gal. tins, \$3.50.

Eucalyptus erythrocorys. TT3. "Golden Flowered Eucalyptus." 15 ft. 24°. When the brilliant red flower caps drop off they reveal beautiful, fluffy, golden yellow blooms. Combined with the long, bright green leaves, they make wonderful cut sprays. 5-gal. tins, \$3.50.

Eucalyptus grossa. T17. 4-8 ft. 20°. Very dwarf, bushy, with blue-green foliage and golden yellow flowers. It takes very little room in any garden, and you'll have something beautiful and unique. The cut foliage and flowers make wonderful table decorations. Gal. tins, \$1.25.

Scarlet Eucalyptus

Eucalyptus ficifolia. TT4. "Scarlet Flowering Eucalyptus." 20-25 ft. 24°. One of the most glorious sights in California is one of these trees in full bloom, with its great clusters of brilliant scarlet flowers set in a background of large, dark, glossy leaves. It is a rather dwarf tree and does not take much room, thriving best near the coast. Needs plenty of water. Gal. tins, \$1.00; 5-gal. tins, \$3.00; specimens in tubs, \$7.50.



Eucalyptus citriodora has a slender, graceful, white trunk, and its leaves are pungently lemon-scented. The Lemon-Scented Gum (shown above), the Pink Ironbark and the three Dwarf Flowering kinds described at the left, are very beautiful and useful on the average home place.

The Cape Chestnut is a glorious sight in June. Examine this photograph closely and you'll see that the tree is literally covered with the beautiful 6 to 12-inch pink flower clusters shown below.



Armstrong Select

Handsome Harpullia

Harpullia arborea. T18. 40-50 ft. 24°. If you want a tree that is just about as handsome the year around as any tree that we can possibly grow in California and which has the added advantage of being quite rare and unusual, we heartily recommend this beautiful tree from the South Sea Islands. The foliage is large, luxuriant and a bright glossy green in color, and it grows into a dense round-topped tree of the most magnificent proportions. The flowers are inconspicuous, but in the late fall, just in time for Christmas, the great brilliant red seedpods cover the tree, making it look like the most beautiful Christmas tree that you ever saw, and they hang on most of the winter. Hardy any place in the coastal or milder foothill sections. Gal. tins, \$1.50; 5-gal. tins, \$4.00.

Sweetshade

Hymenosporum flavum. T24. "Sweetshade." 25 ft. 20°. This tall, slender, small tree has the most sweetly fragrant flowers of any evergreen tree that you can grow in your California garden. It has handsome foliage all the year, and in spring and early summer produces masses of long, tubular, creamy yellow blossoms, many times the size and with many times the fragrance of orange blossoms—believe it or not! Grows anywhere except in desert sections. Gal. tins, \$1.00; 5-gal. tins, \$3.00.

The Harpullia tree is hung full of these brilliant red seedpods at Christmas time, making one of the most beautiful Christmas trees that you've ever seen, decorated by Nature. With its glossy foliage and trim shape, it is a beautiful tree all during the year.



Flowers, foliage and seedpods of Dwarf Southern Magnolia.

Jacaranda

Jacaranda acutifolia. T25. 30 ft. 22°. One of the handsomest flowering trees grown in Southern California. Forms a round, symmetrical head of light green, fern-like foliage, and in June the entire tree is a mass of light violet-blue tubular flowers. These trees in full bloom are one of the sights of Southern California in early summer, one of the things about which the Eastern visitor exclaims loudly. 5-gal. tins, \$3.00; balled, 10-12 ft., \$20.00.

This illustration hardly does justice to the vivid color of the Scarlet Flowering Eucalyptus (described on previous page).

Parkinsonia

Parkinsonia aculeata. T28. 15 ft. 18°. This beautiful native of the Colorado Desert thrives in dry soils almost anywhere in the Southwest. During the early summer it is a great mass of small bright yellow flowers, a striking contrast to the smooth, bright green bark of the trunk and leaflets. It makes a modest little tree, not too large, and if you have a hot, dry, sunny spot where a restful little bit of shade is needed and some lovely color in the spring, this will give it to you. 5-gal. tins, \$3.00.

Southern Magnolia

Magnolia grandiflora. T27. "Southern Magnolia." 60 ft. 5°. Has beautiful dark green, heavy, shining foliage, and in the summer and fall produces its magnificent large pearly-white flowers 6 to 8 inches across, intensely fragrant. Although a tree of comparatively slow growth, eventually it makes one of the largest and noblest specimens, so give it plenty of room to grow. Should have a considerable amount of water when young. 5-gal. tins, \$3.00; balled, 6-8 ft., \$10.00.

Dwarf Southern Magnolia

Magnolia grandiflora exoniensis. T26. "Dwarf Southern Magnolia." 15-20 ft. 5°. In this dwarf variety of the Southern Magnolia you can get all the beauty of foliage and flower of that popular and beautiful tree but have it in a small, compact form that will not get too big for the average small home place. It has the same big polished leaves, the same big, pearly white, fragrant blooms and attractive red seed cones, but grows quite slowly, stays comparatively small and blooms while very young. We think it is one of the most beautiful and useful of small evergreen trees. 5-gal. tins, \$4.00; balled, 4-5 ft., \$8.50; 5-6 ft., \$10.00.

California Live Oaks

Quercus agrifolia. T29. "California Live Oak." 50 ft. 10°. The most picturesque and beautiful native tree that graces the landscape of California is this handsome evergreen Live Oak. Its dark glossy green, medium sized leaves form a dense handsome head, and the tree is fast growing and does well almost everywhere except in the extreme desert sections. We can enthusiastically recommend it for planting on home grounds, for parkways and any other location where a good sized, fast growing, long-lived, evergreen shade tree is wanted. 5-gal. tins, \$3.00; balled, 6-8 ft., \$10.00; specimens in 16-inch boxes, \$15.00.



Evergreen Trees (continued)

Fragrant White Flowers

Oncoba routledgei. T27A. 15-20 ft. 20°. Handsome, glossy, bright green foliage throughout the year and during May and June carries a lot of lovely 2-inch white blooms, each with a button-like, bright yellow center. The flowers are pleasantly fragrant. Suited to a place where a small, slender, beautifully foliated tree is needed. Sun. 5-gal. tins, \$5.00.

Pepper Tree

Schinus molle. T30. "California Pepper." 50 ft. 18°. This unique and beautiful tree has become so identified with California that it stands as a symbol of the Golden State. Grows anywhere with little care. Its handsome foliage and red berries, which stay on through the winter, and the gnarled, rugged trunk, make it a picturesque tree. Because it thrives so easily and shades a great space of ground under conditions unsuited to many more pampered trees, it will always be valuable for California. 5-gal. tins, \$3.00; large specimens in 16-inch boxes, \$15.00.

Brazil Pepper

Schinus terebinthifolia. T31. "Brazil Pepper." 15-30 ft. 22°. A much smaller tree than the California Pepper, having larger, broader leaves and greater quantities of scarlet berries. The leaves and branchlets are not pendulous, and it makes a neat, symmetrical, round-headed tree. Does equally well under the hottest desert conditions or on the coast. 5-gal. tins, \$3.00; large specimens in 16-inch boxes, \$15.00.

Flame Tree

Sterculia acerifolia. TT9. (Brachychiton acerifolius.) "Flame Tree." 30-50 ft. 24°. This unique tree, with large, shining, maple-like leaves, is covered in the early summer with many cup-shaped blooms of rich red or scarlet stems. In the southern coastal counties is one of the showiest flowering trees that can be planted, a solid mass of dazzling color. Blooms in June. Makes a wonderful sight against the blue of the sky or mountains in June. 5-gal. tins, \$3.00.

Sterculia diversifolia. T34. (Brachychiton populneus.) "Bottle Tree." 25 ft. 15°. Excellent for narrow parkways and dry soils because of its small, narrow pyramidal shape and deep-rooted habit. Pretty little, bell-shaped, cream-colored flowers, too. Excellent for the desert or anywhere else. 5-gal. tins, \$3.00.

A Flowering Oak

Tricuspidaia dependens. T35. (Crinodendron dependens.) "White Lily-tree." 25 ft. 15°. A small flowering tree from the canyons of the Andes in Chile which at first glance looks like one of our California Live Oaks, but no Oak ever produces the quantities of little white, bell-shaped flowers which this tree displays in great drooping clusters throughout the spring and early summer. Easily grown but likes plenty of water. A good tree for planting in the lawn—a location which many tree dislike. Does well anywhere except in extreme desert sections. 5-gal. tins, \$3.00.

The Evergreen Elm

Ulmus parvifolia Evergreen (sempervirens). T36. "Evergreen Elm." 25 ft. Zero. A small tree with a spreading crown of slender drooping branches and bright green leaves. For a small home shade tree we highly recommend it. Next to the Carob, the Evergreen Elm is probably the most popular evergreen street and garden tree planted in Southern California at the present time. Drops its leaves for short time in cold sections. Many inferior seedlings of *Ulmus parvifolia* are often sold as Evergreen Elm. The Armstrong type is carefully selected for its evergreen habit, beautiful foliage and handsome shape, and they are grown from cuttings to insure that every tree is the same. This often makes the difference between getting a good tree and a poor one. 5-gal. tins, \$3.50; large specimens in 16-inch boxes, \$15.00; balled, 10-12 ft., \$20.00.

Olives for Shade

The Olive makes a beautiful, small, picturesque tree for California plantings with its soft gray-green foliage. As it gets older its gnarled trunk and the graceful branches give dignity, interest and beauty to the home planting. Somehow it gives a strictly Californian atmosphere. You'll get some fruit to pickle too, and the fruit makes the tree even more beautiful in the late fall when it is ripe. The Mission is possibly the best Olive variety for ornamental planting, but they all look much alike. See sizes and prices bottom of page 8.

The handsome Evergreen Elm (at right), one of California's most popular small trees.



Camphor Tree

Shade—And Nuts

Macadamia ternifolia. FS26. "Australian Nut Tree." 20-30 ft. 26°. Just because this beautiful evergreen sub-tropical tree bears some of the most delicious nuts in existence, there is no reason why we should not recommend it for shade as well, and we do heartily. Its dense, rounded, compact top is very handsome, it does not get too large for most locations, and when it's hanging full of those big nut clusters, it's really something to get excited about. See page 9. 5-gal. tins, \$5.00.

Fruit—And Shade

The White Sapote is not only one of the heaviest bearing and most interesting subtropical fruiting trees for planting in Southern California, but it makes a good evergreen shade tree as well, with its big five-fingered leaves. Spreading, of medium size, it will carry a crop of big, green, delicious fruit in the summer. Hardy down to 20°. See page 8 for details and prices.

Some of the citrus trees are useful, not only for the fruit which they bear but for their ornamental appearance as well. Particularly do we call attention to the Calamondin, the Myrtle-Leaved Orange and the Meyer Lemon. See pages 4, 5 and 6.

The stately California Live Oak is our most beautiful native tree and grows rapidly into a handsome specimen.



Armstrong Azaleas

Azaleas make a glorious mass of brilliant spring color in the garden, especially if you place three or more of them in a properly prepared bed.

How to grow them. Azaleas prefer full shade or semi-shade and do well next to the house on the north side or under trees. Observe three rules: (1) Plant them in an acid soil composed largely of leaf mold or peat moss. (2) Keep the soil acid by frequent applications of an acid plant food (we have it or you can get it anywhere). (3) Give them plenty of water, especially during the warm, dry summer season. (4) They'll grow better where several are planted together in a specially prepared bed because the roots have room to spread out in the proper kind of soil. We send detailed planting instructions with every order.

See them in bloom. Our three Display Yards are brilliant during late winter and spring with thousands of Azalea blooms. When you see this mass effect, you'll see how effective they can be in the garden when you mass at least three plants together. Then they become spectacular.

Shipping Weights on Azaleas: 6-inch pots, 3 lbs.; 9-inch pots, 8 lbs.; tubs, 50 lbs.



Azalea L. J. Bobbink



Purity. One of the Rutherfordiana Azaleas. Very fragrant.

Colorful Kurume Azaleas

Kurume Azaleas will always be popular because they bloom so heavily. During their brief early winter nap they lose some of their leaves but awake early, and burst into flower before winter is over. At the height of their blooming season they are indescribably lovely clouds of pastel colored flowers. All the colors blend well together and massed plantings are very effective. The plants reach 2 to 6 ft. in height, and are hardy down to zero.

All varieties, blooming sizes, 6-inch pots, \$1.50; 9-inch pots, \$3.00; large specimens in tubs, \$10.00. snow-white blooms. Early bloomer.

Bells of Arcady. SA31. Very large, 2½-inch flowers. Fragrant. Blooms late. 6-inch pots only.

Coral Bells. SA34. Beautiful semi-double flowers in that delightful shade of pink known as China Rose.

Coralie. SA35. Glowing pastel salmon. Semi-double.

Firebird. SA36. Brilliant orange-scarlet. Semi-double. Blooms late.

Laughing Water. SA37. Very large, pure white 2½-inches across. Most fragrant.

Orchid. SA38. Rich orchid-purple. Spicily fragrant, 2½-inch blooms.

Santoi. SA41. Lovely apple blossom pink dotted China Rose. Early. 6-inch pots only.

Snowflake. SA43. Semi-double, pure white.

Sunstar. SA44. Large, deep pink blooms, 2½-inches across. 6-inch pots only.

Vivid. SA45. Brilliant orange-red. Semi-double.

Wood Dove. SA46. Deep mauve-lavender. 6-inch pots only.

Indian Azaleas

These are the evergreen Indian Azaleas for which many of the famous Azalea gardens in our Southern States are noted. Indian Azaleas in much of California are just as gorgeous as in the Old South. The huge semi-double blooms, 3 and 4 inches across, show off well against the evergreen foliage. They grow 3 to 5 feet high. 26". Price: 6-inch pots, \$2.50; 9-inch pots, \$4.00; specimens in tubs, \$10.00.

Albert and Elizabeth. SA20. Very large flowered, pink and white, striped and blotched.

Mme. Petrick Superba. SA24. Rose-pink, white bordered. Blooms early.

Mme. Van der Cruyssen. SA28. Big, 3-inch blooms, clear salmon-pink, crimson dots in throat.

Paul Schame. SA22. Deep salmon orange. Early. Pax. SA23. Large, fragrant, semi-double white, 3-inches across.

Pride of Mobile. SA25. A large, single, watermelon-pink with deep crimson markings. 6-inch pots only. **Vervaneana. SA29.** Dawn-pink, outside margins changing abruptly to white. 6-inch pots only.

Wm. Van Orange. SA29A. A remarkably vivid shade of glowing orange-scarlet or traffic signal red. Large-flowered. Late blooming. 6-inch pots only

Azalea Rutherfordiana

Plant Pat. Nos. 145, 146, 147

These new hybrids combine all of the finest characteristics of other types of Azaleas. The flowers are very large, usually double, and are borne in clusters. The handsome foliage is evergreen and large. Anywhere along the Pacific Coast or the Southern States the plants are smothered in blooms every spring. The plants themselves are hardy down to zero but the most tender flower buds may be damaged by temperatures below 25°. 2 to 5 ft.

All varieties, blooming size, 6-in. pots, \$2.50; 9-in. pots, \$4.00; specimens in tubs, \$10.00.

Alaska. SA1. A garden blizzard of semi-double snow-white blooms. Early bloomer. 6-inch pots only.

Albion. SA2. Pure white, semi-double, blooming late. The most fragrant of all.

Constance. SA3. Deep lavender-pink, paling to creamy white in the center. Single.

Dorothy Gish. SA5. Brick-red with rich red markings in the throat. A popular early bloomer.

Firelight. SA7. Glowing light crimson. Semi-double. An early bloomer.

L. J. Bobbink. SA8. Very free-flowering, fragrant soft orchid-lavender. Semi-double.

Mary Corcoran. SA9. Best single, apple blossom-pink, flecked deep rose in the throat. 6-inch pots only

Morning Blush. SA10. Ruffled, orange-pink. 2½-inches across. 6-inch pots only.

Orange Queen. SA10A. Large, uniform orange-red 6-inch pots only.

Pink Ruffles. SA12. Uniform deep bright pink, with two rows of ruffled petals. 6-inch pots only.

Pinky. SA13. There is a little rich salmon tone in Pinky's double blooms. 6-inch pots only.

Purity. SA14. Large, pure white blooms, quite fragrant, two rows of petals. Blooms early.

Rose Queen. SA16. Large, double, deep rose-pink. The best of the pink Azaleas.

Snowbank. SA17A. Large, fragrant white.

Sunset. SA18. Showy, brick-red semi-double.

Yuletide. SA19. Semi-double, vivid cherry-red which blooms early, covering the plant with color.

For Late Azalea Blooms

The two beautiful Azaleas below have no competition whatever in their season because they bloom six weeks after all other kinds are gone (May and June).

Plants in 6-inch pots, \$2.50.

Sakuragata. SA26. Medium sized saucer shaped single blooms, very bright pink, lightening to white in the center.

Sei-Qua. SA27. Same as above but luminous glowing salmon. Heavily clustered with the daintily colored flowers.

Rose-Flowered Azalea

Azalea roseiflora. (Balsam)

SA30. A rare dwarf gem with 2-inch, very double blooms of deep pink with a salmon undertone. They look like small, many-petaled, open rose blooms to some, but like miniature camellia blooms to us. They grow slowly to 2 to 3 feet. 6-inch pots, \$2.50 each; 9-inch pots, \$4.00 each.

Azalea Dorothy Gish



For the 55th Time We Thank You

Dear Friend and Customer:

Once each year as we send this Annual Catalog out to our friends we get a chance to express our deep appreciation to those of you who have made the growth of our business possible over the years by buying and planting the products that we grow. And so to the thousands of our customers in California and in every State in the Union, we say more gratefully than ever, "Thanks!"

It was away back in 1889 that Mr. John S. Armstrong (his friends call him Jack) stepped off the train from Ontario, Canada, into Ontario, California, then just a little clearing in the sagebrush, where he was soon to start the Armstrong Nurseries in a little corner lot. Before he left Canada the doctors told him that he had only a few months to live, but he fooled them, because he is still on deck 56 years later and his first interest now, as always, is to see that Armstrong customers get the best plants that can be grown.

We appreciate the patience that you have shown when you have not been able to get the exact variety that you wanted and when there have been unavoidable delays in getting your orders to you. It takes from two to four years to grow most kinds of trees and plants, and when shortages develop, due to the same unavoidable conditions that have created shortages in other products, they cannot be remedied overnight. Where rationing of our products is necessary, it will be done equally and fairly to all, and all orders will be filled in the order of receipt.

Our Shipping Department will do its best to see that your orders get to you promptly and safely. As you know, an acute shortage of truck equipment and the heavy loads which the railroads have been carrying so magnificently, make it sometimes impossible to give normal transportation service.

Our Landscape Department is still a war casualty, but one of these days we will again be able to give you complete service in planning and planting your garden.

We are very proud of the fact that more than 44 Armstrong employees are in the armed services on the battle fronts of the world. One of these days we hope to have them all back again on the job, growing trees and plants for you. We have tried to help fill out the nation's food shortages by growing what we could of vital food crops.

You would be just as enthusiastic as we are over some of the new plant varieties that have been coming to light in our Plant Research work over the last few years if you could get a glimpse of them. Some of the most extraordinary new Armstrong peaches will be ready for you to enjoy in your family orchard before long. And when we look over some of the magnificent new roses which are undergoing test in our trial grounds, we can hardly wait to propagate them in quantity so that you can enjoy their vivid colors and lovely buds.

You will not have to wait for some fine new Armstrong plants. The new Robin Peach, one of a great new family of Southern California peaches, bearing delicious fruit a full month before any other good variety, is available now for those of you who live in a certain area. Trees of this valuable new peach will be ready for planting in other areas next year. The new Redwing Peach, a great improvement over the famous Babcock, is available now, as is Curlew, a new, heavy-bearing, late-season peach. The already famous Mirandy Rose, as shown on the front cover of this Catalog, is going to give those of you who like beautiful fragrant red roses a big thrill, just as it did the nation's leading rose judges who voted it top All-America honors for 1945. A previous All-America Armstrong rose winner, the beautiful Charlotte Armstrong, is still winning awards and acclaim, having been awarded in October 1944, one of the most coveted of rose prizes, the Gertrude Hubbard Gold Medal for "The Best American Rose Disseminated in the Past Five Years". Another new Armstrong Rose offered this year, Show Girl, will show you with some of the longest and most beautiful pink rose buds that you have ever seen. You will also find the usual quota of fine, improved ornamental plants described in this Catalog, including a beautiful little flowering tree, Oncoba, two rarely found but handsome California natives, Summer-Holly and Ceanothus purpureus. The new Camellias, Enrico Bettoni and Governor Mouton will please Camellia enthusiasts, and we offer a lovely new Hibiscus, Hallowe'en.

Above all, it is our aim always to see that you get in Armstrong Trees and Plants that something which we call "Armstrong Quality".

Sincerely,

ARMSTRONG NURSERIES


Vice President

Please Read When Ordering

TERMS. Cash with order. Send your check, or a post office express or bank money order. No orders sent C.O.D. No shipping orders accepted for less than \$2.50. All purchasers whose orders are being shipped to California points will please add California Sales Tax of 2½%.

PRICES SUBJECT TO CHANGE. Unforeseen conditions may make it necessary for us to change the prices quoted in this catalog at any time, without notice, and we reserve the right to make such changes. All quotations made by us prior to the issuance of this catalog are hereby canceled. All orders are accepted subject to the stock being available at time of delivery.

INSPECTION. We guarantee all shipments to pass inspection wherever shipped. In many California counties plants must be inspected upon arrival. Look for directions on inspection tag attached to order. For information concerning inspection, telephone your local inspector or the office of your County Agricultural Commissioner.

HOW TO FIGURE PACKING CHARGE. On mail, express and freight shipments we make a packing charge on all plants in tins, pots, or other containers (except Camellias) and on balled ornamentals and fruit trees (citrus, avocados, subtropical fruits), this to partially defray the cost of the expensive packing materials used. Figure the charge this way: Add together the cost of these kinds of plants on your order. Take 10% of it. That is the packing charge to include in your remittance. Do not add in material shipped bare root, such as deciduous fruit trees, roses, berries, grapes, deciduous trees and shrubs. No packing charge on any material when delivered by our truck.

GUARANTEE. Our reputation depends upon your having good results with Armstrong plants. We handle them carefully to get them to you in excellent condition—give you planting instructions based on our experience. Plants are subject to the whims of Nature and man, and no one can guarantee that a certain one will thrive. When our instructions are followed, however, only very rarely should you lose a plant. **Tell us immediately if any shipment on arrival is in any way unsatisfactory.** At any time please feel free to ask our salesman to help you find why a certain plant failed so that the next planting will do well. It is our desire to make fair adjustments and help you get the best results possible.

Send All Orders to Ontario

Please forward all mail orders to our Ontario office since all mail, express and freight shipments are handled from there and all Southern California truck deliveries originate there except those placed in person at our North Hollywood Branch for delivery to the San Fernando Valley area. All correspondence including requests for quotations or information should be sent to Ontario also, since there are no facilities to handle mail at either of our Branches.

Armstrong Grass Seed, Ground Covers, Supplies

Lawn Seeds

When you purchase Armstrong Grass Seed, you are making the very best kind of a start toward a perfect lawn. Armstrong Grass Seed is the very best that can be obtained, in keeping with the Armstrong policy of offering our customers nothing but the finest in quality. You can find cheaper grass seed elsewhere, but you cannot find any better. Grass seed is sold in different grades which vary in percentage of germination, freedom from weed seed and other factors. We carry only the top grades, and you will find our prices for those grades no higher than you will pay elsewhere.

Some grasses are better than others for certain locations, and if you are in doubt regarding the best grass to use for a certain location, write to us and we will be glad to advise.

Prices quoted below are subject to change without notice. Write for prices on larger quantities.

Armstrong Grass Mixtures

Armstrong's "Sunny Lawn" Mixture. GS2. The very finest lawn mixture for most lawns which receive plenty of sunshine. Composed largely of the finest grades of Blue Grass and Clover with several other species which help to make up a perfect lawn. One pound plants 200 square feet (20 by 10 feet.) \$1.00 per lb.; 3 lbs. for \$2.75; 10 lbs. for \$8.40.

Armstrong "Shady Lawn" Mixture. GS1. A special mixture of various grasses which are particularly adaptable for places largely shaded. This mixture will provide luxuriant green lawn under trees or similar locations where growing a good lawn is sometimes difficult. One pound covers 150 square feet. \$1.00 per lb.; 3 lbs. for \$2.75; 10 lbs. for \$8.40.

Golf Brand Lawn Mixture. GS3A. A nationally advertised mixture of many kinds of grass seed which will make a good lawn under any condition—sun, shade, level ground or sloped. 85c per lb.; 3 lbs. for \$2.50; 10 lbs. for \$7.50.

Kentucky Blue Grass

Kentucky Blue Grass. GS4. The basis for most of the finest California lawns is Blue Grass. Although there are a number of grades of Blue Grass commonly sold, we carry only the best. One pound covers 150 square feet. 75c per lb.; 3 lbs. for \$2.00; 10 lbs. for \$6.00.

White Clover

White Clover. GS9. Particularly fine for winter sowing in Bermuda Grass. It gives quick result and will make a brilliant green lawn by itself. However, it is more often combined with Blue Grass. One pound covers 200 square feet. \$1.50 per lb.; 3 lbs. for \$4.20; 10 lbs. for \$13.00.

Perfect Lawn Grass

Seaside Bent. GS7. The most luxuriant, velvety green lawns in California are of Seaside Bent. The gardener who takes a real pride in his lawn will be rewarded for the extra care, watering and mowing that it requires. Does particularly well in partial shade. One pound covers 300 square feet. \$1.50 per lb.; 3 lbs. for \$4.10; 10 lbs. for \$12.75.

Good Winter Lawn

Western Perennial Rye. GS8. A good hardy lawn for hot dry climates and exceptionally good for intersewing with and freshening up Bermuda lawns in the wintertime. It does well in shady places, grows rapidly and will make a splendid lawn in a short time. One pound covers 100 square feet. 50c per lb.; 3 lbs. for \$1.35; 10 lbs. for \$4.00.

Red Top. GS6. Useful for a quick durable turf. 50c per lb.; 3 lbs. for \$1.35; 10 lbs. for \$4.00.

St. Augustine Grass. G21. 15°. A tough, vigorous grass to plant on slopes or in open areas to keep the top soil from washing away. If to be used as a lawn, it must be mowed and watered regularly. If allowed to grow rank, mowing becomes difficult. Plant in sun or shade anywhere. You will get 100 to 150 divisions from one flat. Plant one foot apart. \$3.00 per "

Ground Covers

Flats 18 inches square in most cases plant about 200 square feet. (Flats weigh 50 lbs. each.)

Ajuga reptans. G1. "Blue Carpet." Makes a beautiful solid carpet of shiny, deep green foliage. It stays uniform and neat throughout the year, and in the spring and summer sends up little flower spikes with dainty blue flowers shaped like tiny bugles. Must have shade and plenty of moisture. \$4.00 per flat.

Convolvulus mauritanicus. G4. "Blue Morocco Creeper." An easily grown trailer, covered throughout the spring and summer with many bright violet-blue flowers. It is very good for planting in narrow places or along borders where it is impossible to mow. 2 1/4-inch pots, \$15.00 per 100.

Dichondra

Dichondra repens. G4A. 15°. Millions of miniature violet-like leaves crowded together like Chinese hooked rugs. Never needs mowing and always looks clean and neat. It grows anywhere, even under most desert conditions. For a luxuriant green Dichondra lawn, all year, keep it well watered and apply some fertilizer in spring and fall. Keep the soil free from weeds and cultivated between the settings until full coverage takes place. Plant 6 inches apart for quick results (a flat will cover 25 square feet), or if you are willing to wait a few months, plant one foot apart (a flat will cover 100 square feet). Sun or semi-shade. \$2.50 per flat.

Red Winter Creeper

Euonymus fortunei radicans. G5. "Red Winter Creeper." A dense flat mat of large, deep green foliage all spring and summer, turning bright red in the winter but never dropping. Stands desert heat, hardy to zero, grows in any soil. Will grow under trees. Sun or shade. Flats of 100, \$6.00.

Fragaria chilensis. G5. "Wild Strawberry." A native strawberry which "ground covers" quickly with handsome deep green foliage, white flowers and little bright red berries that are delicious to eat. Good in sun or part-shade. \$5.00 per flat.

Gazania aurantiacum. G8. A splendid ground cover for sunny places, making a dense mat of soft grey-green foliage. Covered with myriads of large, showy, bright orange flowers. Also *Gazania splendens* (G10) with yellow flowers. Flats of 100, \$5.00.

Gazania pavonia. G9. This new strain is the family pride—has more brilliant 3-inch flowers of fiery orange-red, the foliage is larger and a deeper green. Flats of 100, \$5.00.

The Ivy-Leaved Geraniums are excellent ground covers. We have the following varieties: **Flesh-Pink (G20), Red (G19)**, all in 4-inch pots at 60c each, \$5.50 per 10.

Trailing Lantana

Lantana sellowiana. G3. "Trailing Lantana." A fast growing creeper, ideal for covering sunny banks, rock walls or can be used as a ground cover. Its good looking foliage and clouds of lavender blooms throughout most of the year form a pleasing contrast to green, well-kept lawns. Gal. tins, 70c; flats of 100, \$6.00.

Hedera helix. V20A. "English Ivy." Zero. A favorite ground cover for sun or shade. Gal. tins, 90c; flats of 100, \$5.00.

Lonicera japonica halliana. V28. "Hall's Honeysuckle." Zero. Makes a good rapid-growing ground cover anywhere in sun or shade, in any kind of soil. See page 62. Plant 2 feet apart. Gal. tins, 90c; flats of 100, \$5.00.

Drouth-Resistant Lippia

Lippia canescens. G4. A creeping, fast growing ground cover which soon establishes itself into a dense olive-green turf. It thrives under adverse conditions in hot locations, poor soil; requires little water and will stand much abuse, including trampling. Does not require mowing. \$4.00 per flat.

Protect Your Trees

Paper Tree Protectors. All young deciduous fruit trees and deciduous shade trees should be protected for the first season at least by the use of Tree Protectors or Tree White in order to prevent sunburn which may lead to serious injury from borers. Tree protectors also offer the finest protection from rabbits and squirrels which may gnaw the bark of trees. Easily attached. Use 30-inch for Walnuts and Pecans; 24-inch for Peaches, Apples, Apricots and most deciduous trees; 18-inch for Citrus, Avocados and Figs.

	Each	Per 100	Per 1000
30-inch	\$.05	\$4.00	\$32.50
24-inch	.05	3.50	27.50
18-inch	.05	3.00	22.50

Tree White. The very best material for making a preparation to paint tree trunks to prevent sunburn. Simply mix the powder with water to the desired consistency. 1-lb. package, 30c; 5-lb. package, 85c.

Better Plants With Peat Moss

Peat Moss. If newly planted trees, shrubs and roses are put out in just ordinary soil, you'll not get nearly as quick or satisfactory results as though you mix plenty of peat moss in that soil. It is a perfect soil conditioner. The soft, spongy peat moss opens the heavy soils and adds body to the light soils. Be liberal at planting time with it. Mix it with the soil and you'll find that the newly planted material will start off much better. The moisture-holding capacity of peat soon more than pays for its cost. Buy it by the bale and you'll have it when you need it. Large bales, \$5.50 each; one-half bale, \$3.00 each.

Garden Fertilizers

Vigoro. (Victory Brand). A well-balanced diet for fruit tree, vegetable garden and berry patch. A liberal application three or four times a year provides a continuous supply of all of the elements needed for proper growth and production of fruit. May be sold only for fruiting material and vegetables. 5 lbs., 50c; 10 lbs., 80c; 25 lbs., \$1.45; 50 lbs., \$2.35; 100 lbs., \$3.70.

Bandini Gro-Rite. Applied to new lawns or old at the rate of 40 lbs. per 1000 square feet twice a year, you'll always have an expanse of cool loveliness. A good lawn makes the entire garden look well. For use on lawn, shrubs, trees and flowers. A well-balanced, scientific mixture which we recommend highly. 5 lbs., 40c; 10 lbs., 70c; 25 lbs., \$1.30; 50 lbs., \$2.15; 100 lbs., \$3.50.

Bandini Acid Food. For acid-loving plants, such as Azaleas, Camellias, etc. 5 lbs., 40c; 10 lbs., 70c.

Steer Fertilizer. The old-fashioned method always got results and still does. It holds the moisture and adds that "something" that no other plant food does. Per sack, 85c.

Planting Distances

Variety	Ft. Apart
Oranges, Lemons	18 to 25
Avocados	25 to 35
Peaches, Apricots	20 to 25
Pears, Apples, Figs	20 to 35
Walnuts and Pecans	40 to 60
Olives	30 to 35
Jujubes, Low-Pruned Figs	12 to 16
Grape Vines	6 to 8
Blackberries, Boysenberries	6 by 8
Raspberries	3 by 5
Strawberries	1 1/2 by 3
Eucalyptus for Windbreak	4 to 8
Pistachio Nut	30 to 35

Number Plants to an Acre

Distance Apart	No. Plants
8 feet by 8 feet	680
8 feet by 10 feet	545
16 feet by 16 feet	170
18 feet by 18 feet	134
20 feet by 20 feet	108
22 feet by 22 feet	90
25 feet by 25 feet	69
30 feet by 30 feet	48
40 feet by 40 feet	27
50 feet by 50 feet	17

Planting Guide—What and Where to Plant

Plants for Arizona

Here is a list of shrubs, trees and vines suited to Arizona and the dry desert sections of California. If you are in the northern part of this area or at a high altitude, check minimum temperatures given in each description. Page numbers given.

Shrubs

Abelia grandiflora (46)
African Boxwood (55)
Arborvitae (25)
Arctostaphylos (30)
Australian Fuchsia (50)
Beautybush (26)
Big Yellow Spanish Broom (58)
Blue Chaste Tree (27)
Blue Morocco Creeper (38)
Bridal Wreath (27)
Buddleias (47)
Burford Holly (54)
California Holly (56)
Canary Island Lupine (46)
Cassias (48)
Cotoneasters (50)
Evergreen Euonymus (51)
Evergreen Pear (57)
Feathery Pink Tamarix (27)
Fertile Chinese Holly (54)
Firethorn (57)
Flowering Crab Apple (29)
Flowering Quince (26)
Gazanias (38)
Giant Matilija Poppy (58)
Geraldton Wax Flower (49)
Geraniums (31)
Italian Cypress (24)
Japanese Boxwood (47)
Jasmines (54, 62)
Lantana (38, 54)
Laurustinus (59)
Lippia (38, 55)
Mexican Mallow (58)
Meyer Lemon (5)
Mulberries (28, 29)
Myrtles (55)
Nandina (56)
Natal Plum (7, 48)
Oleanders (55)
Pampas Grass (60)
Photinia (56)
Pineapple Guavas (9)
Pittosporum (56)
Plumbago (57)
Poinsettias (51)
Privet (55)
Red Winter Creeper (38, 51)
Rockroses (49)
Rosemary (58)
Scarlet Bottle Brush (48)
Shasta Daisy (31)
Silver Alligator Juniper (24)
Silver and Blue Germander (59)
Silver and Gold Bush (52)
South African Daisy Bush (52)
Spreading Savin Juniper (24)
Strawberry Trees (46)
Sun-Roses (52)
Syringas (27)
Tea Tree (55)
Tecate Cypress (24)
Thyme (31)

Trees

Aleppo Pine (25)
Arizona Cypress (24)
Ash (28, 33)
Bottle Tree (35)
Carob (32)
Cottonwood (29)
Elm (29, 35)
Eucalyptus (33)
European Sycamore (29)
Hackberry (28)
Italian Cypress (24)
Mulberry (28, 29)
Olive Tree (8)
Orchid Tree (32)
Palms (60)
Parkinsonia (34)
Pepper Tree (35)
Pistachio (13, 29)
Poplars (29)
Umbrella (28)

Vines

Blueberry Climber (61)
Boston Ivy (63)
Bougainvilleas (61)
Cape Honeysuckle (59, 63)
Carolina Jessamine (62)

Catclaw Yellow Trumpet (62)
Climbing Syringa (63)
Evergreen Grape (61)
Fig Vine (62)
Flame Vine (63)
Gilded Fairy Vine (62)
Green-Gold Vine (63)
Honeysuckles (38, 62, 63)
Ivies (38, 62)
Jasmines (54, 62)
Orange Red Trumpet (61)
Rosa de Montana (61)
Roses, Climbing (75-77)
Scarlet Woodbine (63)
Silver Lace Vine (63)
Star Jasmine (63)
Syringa (27)
Trumpet Vines (62, 63)
Wistaria (63)

Fragrant Plants and Trees

Acacia Trees (32)
Azara (47)
Banana Shrub (55)
Bechtels Double Flow. Crab (29)
Bouvardias (47)
Carolina Jessamine (62)
Climbing Syringa (63)
Daphnes (50)
Evergreen Pear (57)
Flowering Crab Apples (29)
Fragrant Corsage Vine (63)
Gardenias (52)
Ginger Lilies (52)
Gloriobower (49)
Heliotropes (30)
Honey Coronilla (49)
Honeysuckles (38, 62, 63)
Hymenoporus (34)
Lemon Verbena (55)
Lilacs (27)
Natal Plum (7, 48)
Magnolias (26, 27, 34)
Mock Orange (27)
Night Blooming Jessamine (48)
Orange Jessamine (55)
Osmanthus (56)
Pittosporums (56)
Roses—Many varieties (64-77)
Spanish Jasmine (62)
Star Jasmine (63)
Vanilla Scented Trumpet Vine (62)
Violets (31)
Wintersweet (26)
Wistarias (63)
Yesterday, Today, Tomorrow (47)
Viburnums (27, 59)

Plants for Shady Places

Abelias (46)
African Boxwood (55)
Agapanthus, Blue African (30)
Australian Bluebell Creeper (58)
Azaleas (36)
Bearberry (46)
Bergenia (30)
Bird of Paradise (58)
Blue and Gold Daisy (30)
Blue Winter Eranthemum (50)
Bougainvilleas (61)
Boston Ivy (63)
Boxwood (47)
Callas (31)
Chinese Giant Snowball (59)
Chinese Plumbago (48)
Creeping Fig (62)
Daphnes (50)
Eranthemum (50)
Evergreen Pear (57)
Fatshedera (52)
Fern Pine (25)
Ferns (60)
Fragrant Carpentaria (48)
Fragrant Corsage Plant (63)
Fuchsias (52)
Gardenias (52)
Ginger Lily (52)
Glossy Leaved Creeper (62)
Gold Dust Plant (47)
Grand Duke Jasmine (54)
Ground Orchid (51)
Holly (54)
Holly Malpighia (57)
Hollyleaf Sweetspire (54)
Hydrangea (26, 54)
Hypericum (38, 54)
Ivy (38, 62)
Japanese Anemone (30)
Lilyturf (60)
Maidenhair Fern (60)

Night Blooming Jessamine (48)
Orange Jessamine (55)
Oregon Grape (55)
Osmanthus (56)
Pink Indian Hawthorn (57)
Pittosporum (56)
Red-Leaved Maple (28)
Reinwardtia indica (31)
Rondeletia (57)
Rose Glorybower (49)
Serbian Bellflower (30)
Shrimp Plant (47)
Skyflower (63)
Star Jasmine (63)
Star Magnolia (27)
Strawberry Tree (46)
Syringa (27)
Terrestrial Orchid (30, 51)
Viburnum (27, 59)
Violets (31)
Weigela (27)
Wintersweet (26)
Wood Strawberry (38)
Xylosma (59)
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Bougainvilleas (61)
Brazil Skyflower (50)
Cape Honeysuckle (59, 63)
Cup of Gold (63)
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Escallonia (50)
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Geraniums (31, 38)
Hibiscus (26, 53)
Lantana (38, 54)
Lippia (38, 55)
Myrtle (55)
Natal Plum (7, 48)
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Oleanders (55)
Orange Clock Vine (59)
Pittosporum (56)
Plumbago (57)
Pride of Madeira (30)
Privets (55)
Red Lantern Plant (55)
Rockrose (49)
Rosemary (58)
Scarlet Bottle Brush (48)
Shore Juniper (24)
Sky Flower (63)
Sun-Roses (52)
Tea Trees (55)
Trumpet Vines (62, 63)

Winter Flowering

Azaleas (36)
Australian Fuchsias (50)
Bearberry (46)
Bergenia (30)
Bird of Paradise (58)
Blue and Gold Daisy (30)
Blue Winter Eranthemum (50)
Bougainvilleas (61)
Bouvardias (47)
Breath of Heaven (49)
Cape Honeysuckle (59, 63)
Chinese Hat Plant (54)
Cymbidiums (51)
Daphnes (50)
Everblooming Daisy (30)
Feathery Cassia (48)
Flame Pea (63)
Flame Vine (63)
Flowering Quince (26)
Geraldton Wax Flower (49)
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Heather (51)
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Honey Coronilla (49)
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Orange Clockvine (59)
Osmanthus (56)
Pelargoniums (31)
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Barberries (47)
Bearberry (46)
Beautybush (26)
Blueberry Climber (61)
Blue Carpet (38)
Blue Chaste Tree (27)
Blue Lawson Cypress (24)
Boston Ivy (63)
Bridal Wreath (27)
Buckthorn (57)
California Holly (56)
Chinese Photinias (56)
Chinese Plumbagos (57)
Clematis (62)
Coffee Berry (57)
Cotoneasters (50)
Day Lilies (31)
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Evergreen Pear (57)
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Flowering Crab Apple (29)
Flowering Quince (26)
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Holly Leaf Cherry (54)
Hydrangeas (26, 54)
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Japanese Anemone (30)
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Kniphofia (31)
Korean Boxwood (47)
Lilacs (27)
Lilyturf (60)
Manchu Cherry (27)
Old-Fashioned Lavender (54)
Orange-red Trumpet Vine (61)
Oregon Grape (55)
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Shasta Daisy (31)
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Weigelas (27)
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Meyer Lemon (5)
Mulberries (28)
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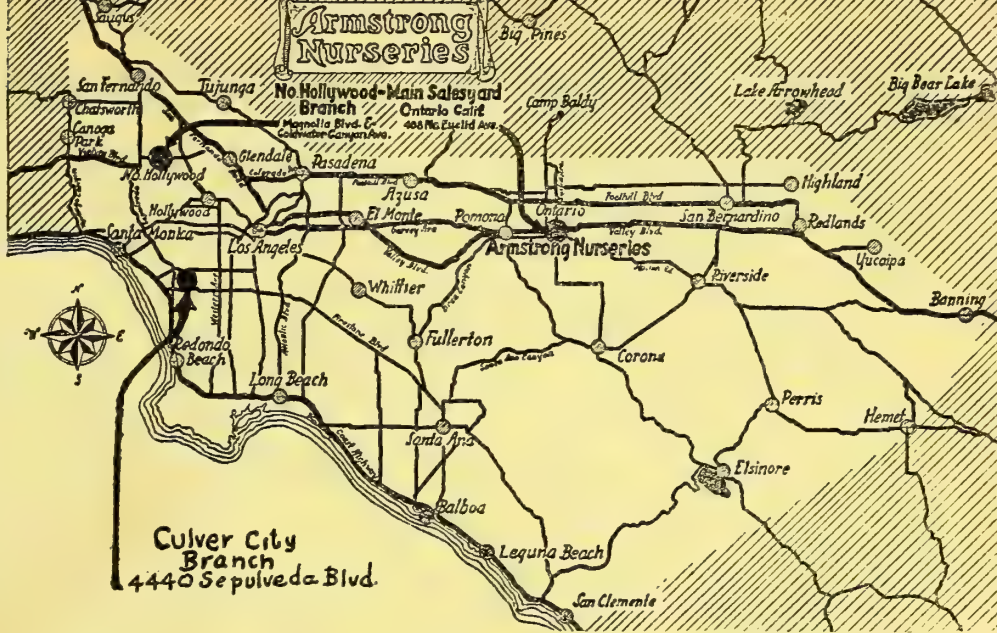
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Truck Delivery

If you are in our delivery zone as shown on the map at the right, any order you place at our Ontario office amounting to \$2.50 or more can usually be delivered safely to your door on one of our covered trucks for the small delivery charge of 50c. Small, light weight orders consisting of berry plants, grape vines, up to 15 rose bushes, up to 10 deciduous fruit trees, etc., can be more economically shipped into this area by mail. See next page. Truck delivery service to San Fernando Valley points only, on orders placed in person at our North Hollywood Branch, no charge. No delivery service on orders placed at Culver City Branch. Please note that because of the necessity of sending out only full loads and combining routes (and because some parts of your order may have to be dug fresh from our growing grounds), it may take from one to two weeks to get delivery on your order, and no specific date of delivery can be promised.

San Diego, Santa Barbara

Our covered trucks deliver to these two cities, nearby areas and locations near through highways, as often as we have full loads. To such points outside of the unshaded area shown on map at right, the delivery charge is a minimum of \$1.25 for orders weighing less than 200 lbs. From 200 to 900 lbs., the charge is 75c per 100 lbs. See back of order blank for weights.



We deliver from Ontario by truck to the unshaded area on this map for 50c per order (any size order over \$2.50). Unforeseen conditions may make it necessary for us to ship any order by mail, express or freight.

Genuine Armstrong Products at Three Salesyards

Three Big Salesyards

There are three Armstrong Salesyards for you to visit—Ontario, North Hollywood, Culver City (no other branches or agents). At all three of these Display Yards you will always find a great wealth of beautiful plant material to look at and enjoy. Continuous fruit and flower shows at all three places, with plenty of salesmen to give you planting information. All of our Display Yards, with salesmen in attendance, are open every day, including Sunday, all through the year except that one or more Yards may be closed on Sundays during July, August and September. All Yards are closed on New Year's Day, Memorial Day, Easter Sunday, July 4th, Labor Day, Thanksgiving and Christmas Day. We can nearly always give you better service if you visit us on a week-day.

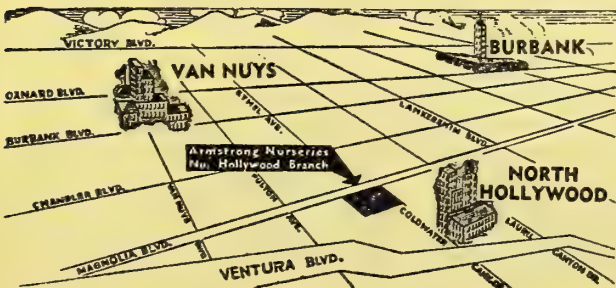
North Hollywood Branch

12908 Magnolia Blvd. North Hollywood, Calif.

Telephone } SUNset 11522
 } STAnley 72394

Our North Hollywood Branch is located between Van Nuys and North Hollywood at the corner of Magnolia Blvd. and Coldwater Canyon Ave., only a short distance north of Ventura Blvd. This is a convenient location for all of the San Fernando Valley, Burbank, Glendale, Pasadena and adjacent territory. Truck delivery service to all points in the San Fernando Valley (including Burbank), insofar as wartime regulations and equipment will permit. This is a cash Branch only. No mail, express or freight orders shipped from this location, and no mail orders or inquiries should be sent to this branch.

Map showing location of North Hollywood Branch



Main Display Yards at Ontario

408 North Euclid Ave. Ontario, California

Telephone Ontario 627-61

Our main offices and display yards are located on famous Euclid Avenue at Ontario, 35 miles east of Los Angeles. Two main east and west boulevards, the Foothill Blvd. (U.S. 66) and the Valley Blvd. (U.S. 99) cross the beautiful double drive Euclid Avenue within a few blocks of our display yards. See map above.

Send All Mail Orders and Correspondence to Ontario

Please forward all mail orders, mail inquiries and other correspondence to our Ontario office since all mail, express and freight shipments are handled from there, together with all Southern California truck deliveries except those for the San Fernando Valley area placed in person at our North Hollywood Branch. Truck deliveries are made from Ontario to all the unshaded area on the map above.

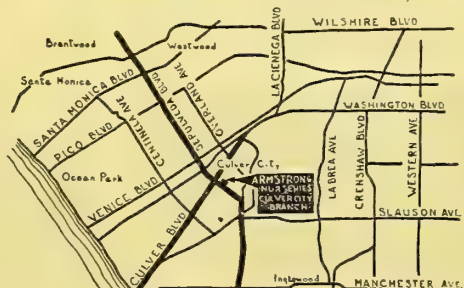
Culver City Branch

4440 Sepulveda Blvd. Culver City, California

Phone: ARdmore 82-665

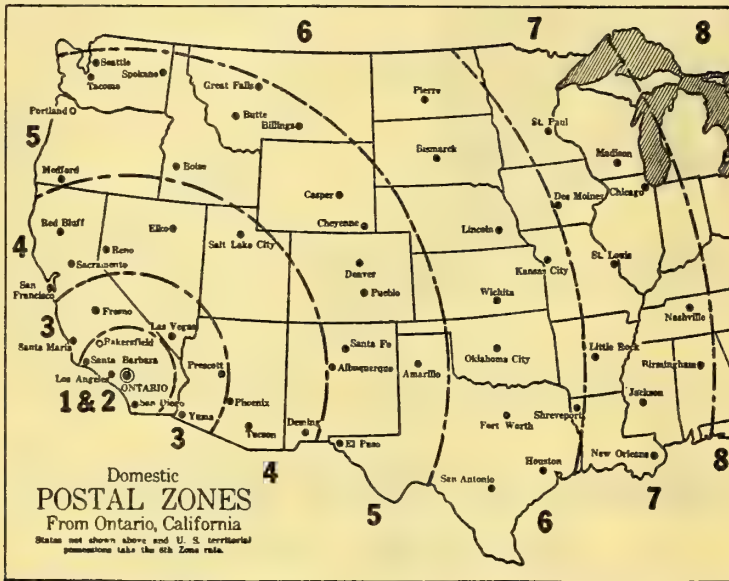
Our newest Branch is located on Sepulveda Blvd. in Culver City, five blocks south of Washington Blvd., and is easily reached from any part of Los Angeles, Beverly Hills, Inglewood, and any of the Los Angeles County beach cities. This is a cash and carry Branch only, with no deliveries being made from this location.

Map showing location of Culver City Branch



Order By Parcel Post—Express or Freight

For 55 years Armstrong customers in all parts of the world have been sending in their orders by mail. They know that they will get only the fine quality plants that everybody associates with the Armstrong name. We have hundreds of letters in our files, letters that say: "My plants arrived in excellent condition, thanks to your splendid packing." Naturally, it requires special knowledge and experience to pack live plants so that they will reach you in good condition and at a minimum cost. Wartime conditions and government regulations may cause unforeseen delays in handling shipping orders, but you may be assured that we will use every effort to get your order to you safely, economically and promptly.



Shipping Weight	ZONES							
	1 & 2 not over 150 Miles	3 150 to 300 Miles	4 300 to 600 Miles	5 600 to 1000 Miles	6 1000 to 1400 Miles	7 1400 to 1800 Miles	8 Over 1800 Miles	Zone 8 Over 1800 Miles
1 lb.	\$.09	\$.10	\$.11	\$.12	\$.13	\$.15	\$.16	
2 lbs.	.11	.12	.15	.18	.20	.24	.27	
3 "	.12	.14	.18	.23	.27	.33	.38	
4 "	.13	.16	.22	.28	.34	.42	.49	
5 "	.14	.18	.25	.34	.41	.52	.61	
6 "	.15	.20	.29	.39	.48	.61	.72	
7 "	.16	.22	.32	.44	.56	.70	.83	
8 "	.17	.24	.36	.50	.63	.79	.95	
9 "	.18	.26	.39	.56	.70	.89	1.06	
10 "	.19	.28	.43	.61	.77	.98	1.17	
11 "	.20	.30	.46	.66	.84	1.07	1.29	
12 "	.22	.32	.50	.72	.92	1.16	1.40	
13 "	.23	.34	.54	.77	.99	1.26	1.51	
14 "	.24	.36	.58	.82	1.06	1.35	1.63	
15 "	.25	.38	.61	.89	1.13	1.44	1.74	
16 "	.26	.40	.65	.94	1.21	1.53	1.85	
17 "	.27	.42	.68	.99	1.28	1.63	1.97	
18 "	.28	.44	.72	1.05	1.35	1.72	2.08	
19 "	.29	.46	.75	1.10	1.42	1.81	2.19	
20 "	.30	.48	.79	1.15	1.49	1.91	2.31	
21 "	.31	.50	.82	1.21	1.57	2.00	2.42	
22 "	.33	.53	.87	1.27	1.64	2.09	2.53	
23 "	.34	.55	.90	1.32	1.71	2.18	2.65	
24 "	.35	.57	.94	1.37	1.78	2.28	2.76	
25 "	.36	.59	.97	1.43	1.85	2.37	2.87	

What Method to Use

- Determine the Weight.** On the back of the order blank opposite and throughout this catalog, you will find the shipping weights given for each type of plant. For example, see page 2 for citrus, 10 for deciduous trees, 66 for rose bushes, etc. The total weight usually determines the best method of shipment.
- Parcel Post.** If your order consists of berry plants, up to 25 grape vines, up to 15 rose bushes, up to 10 deciduous fruit trees or bare root shrubs or trees or root divisions or one plant in a tin, parcel post is the most economical method of transportation. If you live outside of Southern California and wish to cut shipping costs, citrus, avocados and cherimoyas can be bare rooted and sent by parcel post except in July, August and September.
- Express.** Packages weighing up to 70 lbs. can be sent by parcel post, but usually shipments of 20 lbs. or over can be handled best by express. Express is much quicker and more certain than freight under wartime conditions. Certain large but relatively light items, such as tree roses and larger deciduous ornamental trees, must be sent by express or cut back very severely.
- Freight.** Heavy shipments, 100 lbs. or more, are usually best shipped by freight.

If Using Parcel Post

- Approximate shipping weights for each item are indicated in the catalog, also in table on back of order blank. To determine the total weight of the shipment, just add the shipping weights of each item on your order.
- Determine your Postal Zone from the Zone Map above or miles from Ontario in the table.
- From the table at the right of the Zone Map it is easy to figure how much postage to include with your order. For example, if you ordered 3 fruit trees weighing 6 lbs. and live in the 3rd Zone, the correct amount would be 20c.
- Be sure to include enough extra for postage with your remittance, as we have to pay postage in advance. We make no C.O.D. mail shipments. Shipping weights vary slightly, but those indicated will provide a fairly accurate basis for figuring. The amount may actually be smaller or greater, but you are charged only what postage is actually needed to ship your order. All extra will be promptly refunded.

Express Shipments

Express is one of the most practical methods of shipping plant materials. The fastest passenger trains carry express shipments to all parts of the country. Wartime transportation delays have not affected express shipments as much as freight. There are no size or weight limitations.

Each express shipment valued at \$50.00 or less is automatically insured against damage or loss and perishable shipments are given special careful handling, all at no extra cost. If you live in town, delivery will be made right to your door; otherwise, your express agent will telephone or mail a notice of arrival immediately.

Send no money for express charges. Unless you wish to make special arrangements, they will be collected when delivery is made.

The table below will help you estimate express charges on your order. Example: If your order weighs 30 lbs. and you live 200 miles from Ontario, charges will be about 76c.

Table for Express Rates

	Miles from Ontario						
	100	200	400	600	1000	1500	2000
15 lbs.	.41	.47	.59	.71	.94	1.24	1.42
20 "	.49	.57	.73	.88	1.19	1.60	1.83
25 "	.56	.67	.86	1.06	1.44	1.96	2.24
30 "	.64	.76	1.00	1.24	1.69	2.31	2.65
35 "	.72	.86	1.14	1.41	1.94	2.66	3.07
40 "	.79	.96	1.27	1.59	2.20	3.01	3.48
45 "	.87	1.06	1.41	1.76	2.44	3.37	3.89
50 "	.94	1.15	1.54	1.93	2.70	3.73	5.30
60 "	1.10	1.35	1.81	2.29	3.20	4.43	5.12
70 "	1.25	1.54	2.09	2.64	3.70	5.14	5.95
80 "	1.41	1.74	2.36	2.99	4.21	5.85	6.77
90 "	1.56	1.84	2.63	3.34	4.71	6.56	7.60
100 "	1.63	2.05	2.83	3.61	5.14	7.19	8.34

In most of Southern California (see page 41) we get your order to you, usually by our truck, for a 50c packing and delivery charge. Outside of our delivery zone we use our judgment unless you specify method of shipment.

Freight Shipments

For heavy shipments (100 lbs. or over) freight is the most economical method of delivery. We use either fast "through rail service," or dependable hi-way truck line, whichever serves you best. If you live within the limits of your city or town, delivery will in most cases be made right to your door.

The minimum freight charge usually is the rate for 100 lbs. Charges on shipments weighing over 100 lbs. are based on the actual weight at the per 100 lb. rate.

Send no money for freight charges unless you especially want the shipment prepaid. You pay them when delivery is made. The table below will help you figure approximately how much the freight on your order will be. Figure from the town in the table nearest you and make necessary allowances.

Table for Freight Rates

From Ontario to:	Per 100 Lbs.
Bakersfield, Calif.	\$.65
Fresno, Calif.	.85
San Francisco, Calif.	1.17
El Centro, Calif.	.67
Redding, Calif.	1.33
Portland, Oregon	1.70
Seattle, Washington	1.82
Phoenix, Arizona	1.07
Yuma, Arizona	.81
Tucson, Arizona	1.21
Prescott, Arizona	1.21
Las Vegas, Nevada	1.07
Albuquerque, New Mexico	1.95
Deming, New Mexico	1.95
Salt Lake City, Utah	1.89
Denver, Colorado	3.12
El Paso, Texas	1.95
Houston, Texas	3.35
Oklahoma City, Okla.	3.59
New Orleans, Louisiana	4.17
Atlanta, Georgia	4.52
Miami, Florida	4.64
St. Louis, Missouri	4.17
Chicago, Illinois	4.28
New York, New York	4.64

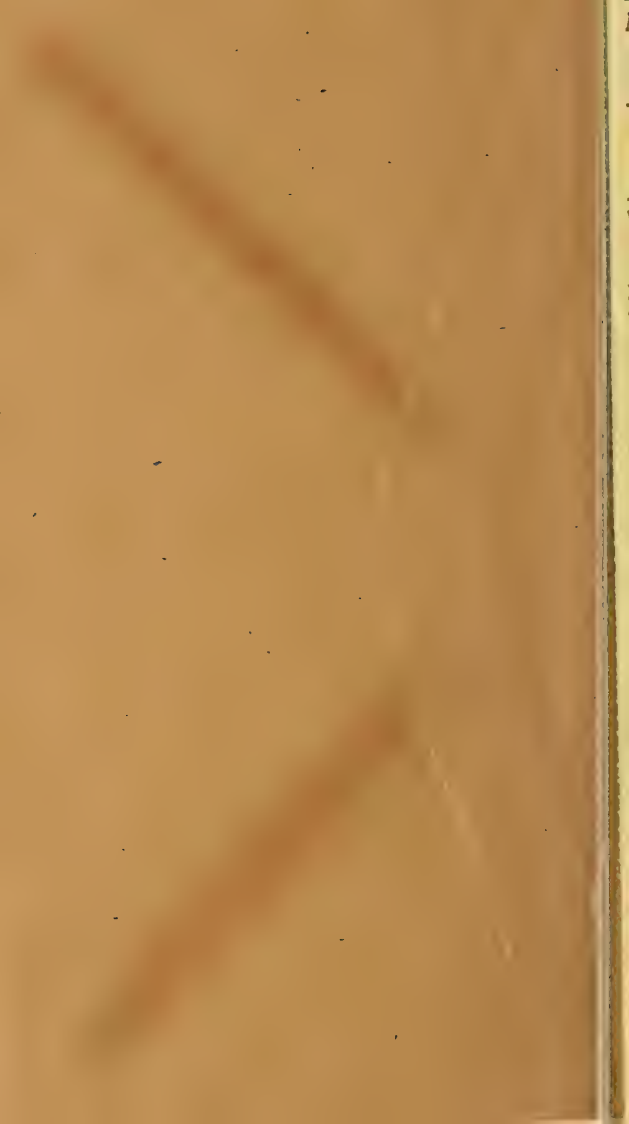
FROM

PLACE
STAMP
HERE

ARMSTRONG NURSERIES

408 NORTH EUCLID AVE.

ONTARIO, CALIFORNIA



Armstrong Camellias

They have Armstrong Quality. It makes a big difference in the way they will grow and bloom in your garden.

The exquisite flowers of *Camellia japonica*, waxy and delicate in texture and beautifully tinted, are the most admired winter and early spring blooms of the Pacific Coast and Southern States. And the plant itself is handsome, with its glossy all-year foliage forming a perfect setting for the bright-colored blooms. Camellia flowers are perfect to cut and admire indoors on table or mantel or to use for corsages. Camellias usually begin to flower as soon as they are a foot or two in height so you will not have to wait for blooms.

Where to Plant Them. Camellias grow easily everywhere on the Pacific Coast except on the desert, and nearly everywhere in the Southern States. Camellias are not at all tender as far as frost is concerned, being hardy down to 10°. They require only a good well-drained soil and a sheltered, partly shaded location. We send complete planting instructions with every order.

Soil Preparation. The addition of some peat moss or leaf mold to most soils insures better results. At least 50% peat moss is a good mixture. Even a larger proportion of peat moss may be used beneficially.

Larger Specimen Sizes. In many of the camellia varieties listed here we have larger specimen sizes in tubs and large wooden boxes. Prices on these plants will be quoted upon request.

When to Plant. Camellias can be planted at any time during the year, although it is best to avoid planting during the very hot summer months.

Shipping Weight on Camellias is light because of the fact that the soil mixture in the containers is largely peat moss. Gal. tins, 4 lbs.; 5-gal. tins, 30 lbs.; tubs, 50 lbs. See shipping costs on page 42.

Note. Solid colored Camellias occasionally show slight markings or may even throw a flower of an entirely different color and shape. This does not necessarily mean that it is incorrectly named or described.

Tea from Camellias

Camellia sinensis. (Thea) SC64D. "Tea Plant." 4-6 ft. 12°. Did you know that the true tea plant grown in Ceylon and China was actually a Camellia? Not only that but you can grow this Camellia in your own garden and use the "tender young leaves of the tea plant" to make your own tea if you wish. These same leaves become 5 inches long when mature and are very beautiful, like the foliage on other Camellia plants. Entirely aside from the novelty of having a real tea plant in your garden, the plant is a beautiful ornamental. The large, fragrant, 1½-inch single white flowers are real white camellias, and the plant becomes covered with them. Grows easily in California. Part shade. Plenty of water. Gal. tins, \$2.25; 5-gal. tins, \$7.50.



Belle Romana

The Perfect White

Alba Plena. SC1. So lovely is its form, so fragile and delicate its beauty, that you can see at a glance why it is the most sought after white Camellia. The very large flowers, 5 or 6 inches across, fully double, with many imbricated petals, open beautifully and never show the stamens. Brought from the Orient to England in 1792, has been rare ever since. It blooms very early in the season. Gal. tins, \$3.00; 5-gal. tins, \$10.00; large 4-yr. specimens in 5-gal. tins, \$17.50.

Midseason White

Alba Superba. SC1A. A magnificent, semi-double, pure white Camellia, 3 to 4 inches across, with enormous petals. More informal and less symmetrical than either Alba Plena or Purity. Beautiful as a cut flower in a bowl, its bright yellow anthers contrasting with the dead white of the petals. Blooms midseason. Gal. tins, \$1.50; 5-gal. tins, \$7.50; large 4-yr. specimens in 5-gal. tins, \$10.00.

Anita

Anita. SC2. Probably the most spectacular and beautiful striped Camellia. The medium-sized, high-centered flower has four rows of petals. The color background is light pink, with bold, heavy stripes and splashes of deep pink or carmine. The canary yellow filaments and anthers enhance the exotic effect. Midseason. A new and rare kind. 5-gal. tins, \$10.00.

Belle Romana

Belle Romana. SC4. This striking variegated kind is an ideal corsage Camellia, blending with all fabrics regardless of color. The big, double, large-petaled flowers vary in coloring but most of them are light pink, profusely striped and splashed with the streaks of dark crimson. Large foliage. Blooms early. Gal. tins, \$1.50; 5-gal. tins, \$7.50.

Cabrillo. SC4A. Exactly the same as Belle Romana but instead of being striped and splashed the entire flower is a solid crimson color in the same shade as the streaks on Belle Romana. Early. Gal. tins, \$1.50.

Candida

Candida Elegantissima. SC4B. (Nagasaki) A very large, 4 to 6 inch, semi-double flower of bright rose-pink, heavily marbled with white; 10 or 12 extremely large petals, with a few smaller ones in the center; most informal and lovely in appearance; a slight, sweet fragrance. One of the most beautiful of all variegated Camellias. Midseason. Gal. tins, \$3.00; 5-gal. tins, \$10.00.

Cheerful. SC6. Clear, bright cherry-red, medium size, very double, setting enormous quantities of flowers. Blooms late. Gal. tins, \$1.50; 5-gal. tins, \$5.00.

Julia with Freckles

C. M. Hovey. SC8. Exactly like Julia Drayton, with the same enormous flowers and big petals, but usually has a few little flecks of white against the brilliant red. Just as good as the famous Julia. Midseason to late. 5-gal. tins, \$12.50.



Anita, a striped sensation



Candida Elegantissima (4 to 6 inches)



Colonel Firey, a perfect red

Colonel Firey

Colonel Firey. SC9. Right at the top in red Camellias because of the glowing rich crimson color and the beautifully shaped flowers, up to 5 inches across. The many petals open out into a full, broad, imbricated bloom, similar to Pink Perfection in form but much larger. Very lovely under artificial light. Fairly slow in growth and somewhat dwarf in habit. Sets many perfect blooms. Midseason to late. Gal. tins, \$3.00; 5-gal. tins, \$12.50.

Covina

Covina. SC10A. (Lady Campbell) A compact grower and tremendous producer of medium sized, double, clear rose-pink flowers over a long period. Similar to Pink Perfection in form. Fine for growing in tubs because it is so compact and fine-foliaged. Midseason. Gal. tins, \$1.50; 5-gal. \$7.50; large 4-yr. specimens in 5-gal. tins, \$10.00.

Earliest to Bloom

Daikagura. SC12. Its large, double peony form, deep rose-pink flowers (sometimes streaked with white) with cluster of small petaloids in the center, would be beautiful at any season, but are doubly valuable because it is the earliest Camellia to bloom, flowers appearing in early November and sometimes before, continuing for many weeks. Gal. tins, \$1.50; 5-gal. tins, \$7.50.



Herme, sweetly fragrant



Lady Vansittart



Rosita, perfectly formed



Princess Bacciochi

Armstrong Camellias (Continued)

One of the Largest

Elegans. (Chandleri). SC14A. One of the largest and most spectacular of all camellias. The great 6-inch rose-pink flowers (the color is Neyron Rose), lightly splashed with white, will astonish you with their size and beauty. The plant is slow in growth, comparatively dwarf and produces its gigantic, high-centered, beautifully colored blooms in great profusion. You will never complain about any shortage of flowers because it sets an amazing number of buds even on very small young plants. A wonderful cut flower for bowl or corsage. Blooms early to midseason. See illustration opposite page. Gal. tins, \$3.00; 5-gal. tins, \$10.00.

Ella Drayton. SC16. A symmetrical, fully double, 3 1/2-inch flower with imbricated petals. Deep rose-pink with reddish veinings, the reverse side of the petals being cherry-red. A tall, slender plant. Blooms early to midseason. Gal. tins, \$3.00; 5-gal. tins, \$10.00.

Emperor of Russia

Emperor of Russia. SC18. The flowers are large, 3 1/2 to 4 1/2 inches across, with very large petals around the outside of the flowers and with smaller recurved petals in the center. The color is a brilliant scarlet (Germanum Lake). The plant is semi-dwarf in habit and blooms early to midseason. It is one of the finest red camellias. Gal. tins, \$3.00; 5-gal. tins, \$10.00.

Please include both name and code number of each variety ordered. This will help to avoid errors on your order.

A Rare One

Enrico Bettoni. SC19A. One of the largest and most beautiful of deep rose-pink camellias. The flowers often reach 5 inches and are high-centered and full, crowded with many small petals, with large ones around the outside. It is a brilliant shade of bright rose-pink. In addition to the enormous size of the peoniform flowers, it is one of the strongest growing camellias that we have. Blooms midseason. A rare kind seldom seen. Gal. tins, \$3.00; 5-gal. tins, \$12.50.

Fancy. SC19B. We are very fond of this unusual camellia because of the extremely brilliant shade of Turkey Red shown in the blooms, and the unusual form. The flowers are peoniform, 3 to 3 1/2 inches across. Midseason to late. 5-gal. tins, \$15.00.

Fanny Bolis

Fanny Bolis. SC20. Big bright red flowers, blotched with white, with enormous petals loosely arranged. Four inches across, it is one of the largest and most beautiful of the variegated camellias. Early midseason to midseason. Gal. tins, \$1.50; 5-gal. tins, \$7.50.

Frilled White

Fimbriata. SC21. A rare and beautiful white Camellia, larger than average, with double, high-centered, many-petaled flowers, each snowy white petal delicately frilled or fimbriated around the edges. The plant is somewhat dwarf, slow growing, with a spreading habit. It blooms with great freedom and gives lots of magnificent flowers in early midseason. Plants of this kind are always very scarce. 5-gal. tins, \$12.50.

Herme

Herme. SC32. Large, 4 inch, semi-double flowers of bright rose-pink with a broad, irregular border of white around each big petal. Occasional stripes of bright red. This is one of the few fragrant Camellias, possessing a delightfully sweet perfume. Exceptionally fine as bowl cut-flower. Plants grow tall and slender and set flowers very freely even when very young. Early midseason to late midseason. Gal. tins, \$2.25; 5-gal. tins, \$10.00.

Governor Mouton. SC31. The form like that of Elegans, illustrated on opposite page, with a tuft of small petaloids in the center. A beautiful shade of rich crimson, 4 or 5 inches across, showing an occasional white spot. It is a fast, strong, upright grower, producing lots of flowers in early midseason. 5-gal. tins, \$12.50.

H. A. Downing

H. A. Downing. SC30. Beautiful large flowers, deep rose-pink in color, almost red. Three rows of very large petals, with a center of beautifully contrasting long, showy yellow stamens. The 4-inch flower is one of the loveliest of its color. Midseason to late midseason. Gal. tins, \$1.50; 5-gal. tins, \$10.00.

Jarvis Red

Jarvis Red. SC33. A small to medium flower of rich Turkey Red with a row of large crisp petals around the outside and usually a tufted center of smaller petals. The plant is semi-dwarf, flowers young and blooms heavily. Midseason to late midseason. Gal. tins, \$1.50; 5-gal. tins, \$7.50.

Mardi Gras. SC41A. The same beautiful, big-petaled, informal flowers as H. A. Downing but with white markings on the deep rose background. Blooms with great freedom. Midseason to late midseason. Gal. tins, \$1.50; 5-gal. tins, \$10.00.

Julia Drayton

Julia Drayton. SC34. (Mathotiana). By far the largest red Camellia that we grow. The huge flowers, sometimes 6 inches across, are a uniform shade of brilliant scarlet and the very large petals are beautifully veined and textured. Very double, with a high-pointed center (young plants sometimes carry flowers with an open center). Its clear bright color and enormous size make it one of the most spectacular and magnificent of all camellias. The plant is possibly the strongest and fastest grower that we have, with very large, luxuriant foliage. Blooms midseason to late. Gal. tins, \$3.00; 5-gal. tins, \$10.00; large 4-year specimens in 5-gals., \$15.00.

A Good Rose-Pink

Kumasaka. SC36. Giant flowered, 4 to 5 inch, rose-pink bloom of informal, irregular form with a few very large petals and a varying number of smaller petaloids in the center. The flowers have a characteristic delicate, sweet fragrance. A strong growing, tall, slender but compact plant of handsome appearance. A beautiful flower to cut for indoor use. Midseason to late. Gal. tins, \$2.25; 5-gal. tins, \$10.00.

Lady Vansittart

Lady Vansittart. SC39. The large 4 1/2-inch, vivid deep pink blooms have three rows of broad, wavy-edged petals, symmetrically arranged around a ring of golden stamens. The glossy, wavy foliage is more beautiful than that of any other camellia, in our opinion. You'll get lots of flowers on this one because it sets buds by the dozen and they keep opening from early midseason to late midseason. Gal. tins, \$2.25; 5-gal. tins, \$10.00.

Melody. SC43A. Exactly the same as Lady Vansittart in everything but color. The deep pink flowers have a white marbling on them. It blooms just as freely and has the same wonderful foliage. 5-gal. tins, \$10.00.

Julia Drayton, the largest of red Camellias.



Marchioness of Exeter

Marchioness of Exeter. SC41. In size, brilliancy of coloring and perfection of form, this beautiful pink variety, salmon-pink with a few occasional white markings, is possibly the finest Camellia in its color. Amazing in size, the gigantic flowers are crowded with petals, gracefully arranged. Dwarf, spreading, willowy habit. Midseason. Gal. tins, \$2.25; 5-gal. tins, \$10.00.

Monarch. SC43B. The flower is modified peony form with a number of small petals in the center, 3 to 3½ inches across, in a pleasant shade of rosy red. Midseason to late. Gal. tins, \$1.50; 5-gal. tins, \$7.50.

Wavy-Petalled Red

Monjisu Variegated. SC44. Produces enormous quantities of lovely medium sized rosy red flowers with white spots. Open rose form with a high center, the velvety textured petals being wavy and undulated, with the yellow stamens offering a delightful contrast. Late midseason to late. 5-gal. tins, \$10.00.

Mrs. Joha Laing. SC45. A splendid symmetrical, fully double flower of clear Carmine-Rose, 3½ inches across, darker than Pink Perfection but lighter than Rosita. Exceptionally fine for cutting or corsage because of the beautiful form, rich color. The plants are strong growing so that they can be cut with long stems. Midseason to late midseason. Gal. tins, \$2.25; 5-gal. tins, \$7.50.

Mrs. Waters. SC46. Medium sized, deep pink flowers, with one row of large petals surrounding a dense tuft of small petals. A good one for cutting. Midseason. 5-gal. tins, \$7.50.

Nightingale. SC46A. A large, informal, big-petalled, semi-double flower of bright pink with white markings, opening to show a center of contrasting yellow stamens. Early midseason to midseason. Gal. tins, \$1.50; 5-gal. tins, \$7.50.

Panache. SC48. Medium size, very full and symmetrical flowers, pale pink, heavily striped with deeper pink. Has probably the largest, glossiest and handsomest foliage of all camellias. Will grow in dense shade. Late midseason to late. 5-gal. tins, \$7.50.

Pink Beauty

Pink Beauty. SC49. One of the most perfect pink camellia blooms that we have ever seen, 3 to 3½ inches across, large-petalled, fully double, waxy textured, in a dainty shade of clear light pink without other shadings. The flower is almost too lovely to be real. A big, vigorous plant with large, glossy foliage. Blooms late. Flowers open best in cool coastal climate. Gal. tins, \$3.00; 5-gal. tins, \$10.00.

Pink Perfection

Pink Perfection. SC50. Probably the most popular Camellia grown in California. Its very double, medium-sized flowers of delicate light pink are very charming indeed. Usually starts to open its perfect flowers at Thanksgiving time and keeps displaying them through the winter. One of the most vigorous camellias in growth. Gal. tins, \$1.50; 5-gal. tins, \$7.50.

Princess Bacciochi

Princess Bacciochi. SC52. A peoniform flower which is perfect for its type and among the finest of all camellias that we grow. The color is rich velvety Carmine-Red without other shadings, contrasting brilliantly with the golden stamens which show among the petals in the slowly opening flower. Plant of great vigor, with profuse handsome foliage. Early midseason to late midseason. Gal. tins, \$2.25; 5-gal. tins, \$7.50.

Professor C. S. Sargent. SC53. A most unusual deep scarlet flower, 3 inches across, with a very full, round, peony type center, the flower often carrying more than 200 petals. It usually has one row of very large round petals around the outside of the bloom. A semi-dwarf plant, very free in bloom. Early midseason to late midseason. Gal. tins, \$2.25; 5-gal. tins, \$7.50.

Pink Perfection is California's favorite camellia.



Elegans (Chandleri) is a very large bloom, often 6 inches across.

Purity

Purity. SC54. (Neige d'Or.) Its name describes it. Symmetrical, exquisitely formed, double snowy white flowers of large size, usually 3½ to 4 inches. Blooms late and is nearly always in bloom for Easter. Plant tall and slender. Perfect for a cut flower. Gal. tins, \$2.25; 5-gal. tins, \$7.50.

Red Beauty. SC55. A very double flower, 3½ inches across, glowing red with an underlying orange sheen, keeping exceptionally well when cut. Blooms early to late. Gal. tins, \$2.25; 5-gal. tins, \$10.00.

Rev. John G. Drayton. SC57. A 3½-inch flower of Carmine Rose with two rows of larger outer petals, the center filled with long, erect petals interspersed with golden stamens. Blooms freely, particularly when young. One of the best pink kinds for cutting and corsage. Blooms midseason. 5-gal. tins, \$10.

Rosy Dawn. SC60. Exactly like the popular Herme with the same sweet fragrance but the color is a uniform bright crimson. Its fragrance and lovely form make it a very popular cut flower. Midseason. Gal. tins, \$1.50; 5-gal. tins, \$7.50.

Rosita

Rosita. SC59. Very double, medium size flowers of bright rose-pink, the petals delicately veined and arranged in a symmetrical rosette-like form. The very latest camellia to bloom in winter. A fast, vigorous grower, with every flower a perfect one. Gal. tins, \$1.50; 5-gal. tins, \$7.50.

Camellia sasanqua Dawn. SC62. Compact, beautifully foliaged plant, literally covered in the late fall with beautiful, small, single, light pink blooms. Gal. tins, \$2.25; 5-gal. tins, \$7.50.

Camellia sasanqua Judith. SC63. Bushy, erect habit with single Phlox Pink blooms. Late. Gal. tins, \$2.25.

Shangri-La. SC65. A delightful crimson color without other shadings. Extremely early (November), continuing into the winter. Has a pronounced fragrance. It is Peony type, 3½ to 4 inches across. 5-gal. tins, \$15.00.

Tricolor (Siebold). SC64B. Very bizarre looking large flowers, many broad stripes of deep pink and rose-red, emphasized by narrow white stripes. Gal. tins, \$2.25; 5-gal. tins, \$7.50.

Purity, in bloom at Easter.



Armstrong Evergreen

Quantity Discount

If you order 10 or more of one variety of evergreen shrub, for instance, 10 *Chorizema varium*, take 10% off the listed each price. Or if you order a total of 50 or more assorted ornamental trees or plants as listed on pages 24 to 63, inclusive, you are also entitled to take a discount of 10% from the listed each price on each ornamental so included. Root divisions, plants in flats or in 2/4-inch pots should not be counted in figuring these discounts.

You can Plant Shrubs Anytime

The black squares under every month below indicate that you can plant evergreen shrubs during every month in the year.

Month	J	F	M	A	M	J	J	A	S	O	N	D
Tins or Balled	■	■	■	■	■	■	■	■	■	■	■	■

Yesterday violet, today lavender, tomorrow white, but always sweetly fragrant are Brunfelsias.

Important—Please Read

We try to make this Catalog an accurate, thorough and interesting guide to the plants that we grow, and in the limited space available we have crammed as much information as possible in order to make it easy for you to select the right plant for the right place in your garden.

Where to Plant: In these descriptions you will find the approximate average height to which each plant will grow, whether they prefer sun or shade, and other helpful information. You'll find in each description the approximate minimum temperatures at which each plant will be damaged by frost (approximate only since the age and condition of plants during cold weather have much to do with their resistance to frost). In California, the plant would probably have its mature twigs injured if the temperature reaches the figures mentioned for several hours, but often the plant would recover. In other States where the temperature may reach these figures many times in a season, usually such plants should not be planted. Also see the Planting Guide on page 39.

Easy to Order by Mail: It's easy to order Armstrong plants by mail and just as easy to get delivery on them. See pages 41 and 42 for delivery and shipping information.

Shipping Weights: Packed for shipment, plants in gallon tins weigh 10 lbs. each; 5-gal. tins 50 lbs. each. Balled plants average 50 lbs. each. See page 42 for shipping costs.

Fruit, flowers, and foliage of the Strawberry Madrone.



Strawberry Madrone

Arbutus unedo. S5. "Strawberry Madrone." 6-10 ft. or larger. 15°. A bushy, spreading, medium sized shrub with rich green foliage very similar to California Holly. Has many delightful little pearly white bell-shaped flowers in summer, followed by clusters of brilliant red strawberry-like fruits, ripening about Christmas time. Stands heat, cold and drought. Sun or part shade. Gal. tins, 80c; 5-gal. tins, \$2.75; balled, heavy, 2-3 ft., \$3.50; 3-4 ft., \$4.50.

Arbutus unedo Dwarf. S6. "Dwarf Strawberry Madrone." 6 ft. 15°. A lower, more compact and rounded form of this beautiful shrub with the glossy, holly-like leaves, dainty flowers and red fruits. Here's your chance to enjoy all this beauty in a plant which occupies less space. Grows anywhere. Sun or part shade. Gal. tins, \$1.00; 5-gal. tins, \$3.00.

Bearberry

Arctostaphylos uva-ursi. S6A. "Bearberry." Zero. A handsome little low-growing, creeping plant from the California coastal mountains which makes a dense evergreen carpet of small, dark green leaves, handsome all through the year. Becomes 3 or 4 feet across, but only 6 or 8 inches high. Grows easily anywhere in any soil. Sun or shade, but prefers coastal conditions. Pretty little *Arbutus*-like, light pink flowers in summer, followed by just as pretty little red or deep pink berries in summer (that's what the bears eat). Prefers sandy soil, not too much water. Fine on a slope. Gal. tins, \$1.00.

Abelia

Abelia grandiflora. S1. "Glossy Abelia." 6 ft. Zero. Its small, shiny, bronze-green foliage and arching stems clothed with clusters of little fragrant rosy-white flowers, borne almost continually, make it exceedingly valuable for mass or foundation planting in either full sun or partial shade. Hardy anywhere. Gal. tins, 80c; 5-gal. tins, \$2.75.

Abelia schumannii. S2. "Pink Abelia." 5 ft. Zero. Somewhat similar to *A. grandiflora*, but the beautiful pinkish lilac blooms with yellow throat are much larger and brighter and are produced in profusion all through the spring and summer. Seldom exceeds 3 or 4 feet in height. Perfectly hardy anywhere, and thrives in any soil in full sun or part shade. A most satisfactory flowering shrub for all sections. Gal. tins, 80c; 5-gal. tins, \$2.75.

Flowering Maple

Abutilon vitifolium Vesuvius. ST1. "Red Flowering Maple." 5 ft. 24°. The showiest of the Flowering Maples is this variety with the enormous 2-inch bell-shaped flowers of brilliant orange-scarlet. A fast-growing shrub, blooming the year around. Shade or part shade. Gal. tins, 80c.

Canary Island Lupine

Adenocarpus foliolosus. S3. "Canary Island Lupine." 8-10 ft. 15°. The tip of every one of its many bright green branches is a glowing mass of brilliant yellow flower spikes, like giant yellow lupines, through April, May and June. Splendid foliage throughout the entire year. Full sun. Fairly dry soil. Gal. tins, 90c; 5-gal. tins, \$3.00.

Please include both name and code number of each variety on your order sheet.



Picture these flowers of Darwin Barberry in a brilliant orange, nestled among dark green, holly-like leaves.

Flowering Shrubs

A Shrubby Aster

Aster fruticosus. S8. "Shrub Aster." 3 ft. 18°. It is not in the least like other Asters, being neither annual nor perennial, but a permanent evergreen shrub, just the right size to fit into the average garden, with dark evergreen foliage which breaks out in April, May and June into great masses of deep lavender or rosy-mauve flowers, completely covering the plant, each flower 1 to 1½ inches across, making a magnificent display of color. Likes fairly dry soil, full sun. Prune back after flowering season. Gal. tins, 80c; 5-gal. tins, \$2.75.

Gold Dust Plant

Aucuba japonica Gold Dust. S9. "Gold Dust Plant." 15°. Splendid hardy evergreen foliage plant for shady location and excellent as a background for Azaleas. Masses of big, glossy, shining green leaves, 7 inches long, lightly dusted with gold. Grows to 6 or 8 feet but easily kept down to 5 feet. If you have both male and female plants present, the Aucubas will bear very beautiful, large, bright red berries, more than 1 inch long; 2 plants in one gal. tin (one male and one female), \$1.50 for the pair.

Vanilla-Scented

Azara lanceolata. S10. "Lanceleaf Azara." 6 ft. 15°. Graceful, arching, spreading branches, covered with beautiful, smooth, glossy, narrow leaves 2 inches long, bright green and handsome all through the year. Every branch is covered with minute yellow flowers, pleasantly vanilla-scented, in spring, followed by little porcelain-like berries, pale mauve to white in color. It provides many interesting cut sprays for decorative purposes. Beautiful against a white wall. Sun or half-shade. Gal. tins, \$1.00; 5-gal. tins, \$3.00.

Red Orchids

Bauhinia galpinii. S11. "Red Bauhinia." 8 ft. 22°. Clusters of glorious, spidery, red orchid-like flowers, borne in clusters of from 6 to 10 from spring to late autumn. That's what you'll have if you plant this handsomely foliaged half-climbing shrub with roundish two-cleft leaves. There is no lovelier plant to clamber over a low wall, fence or rocks in the garden. Will climb right up a post if you give it a little support. Best within 30 miles of the coast. Sun or half-shade. See illustration in color on page 48. 5-gal. tins, \$3.50.

Dry Land Shrimps

Beloperone tomentosa. S13. "Shrimp Plant." 2 ft. 23°. Handsome little compact plant which bears all year odd but attractive flower spikes of coppery bronze bracts, enclosing small cream and purple flowers. Excellent for cut flower arrangements. Sun, half-shade. Gal. tins, 80c.

Barberries

Berberis darwini. S14. "Darwin Barberry." 6 ft. Zero. Small, glossy, dark green, holly-like leaves with brilliant orange-yellow flowers in the spring, followed by plum-colored berries. It has long been and still is one of the most popular Barberries for the West. Sun or shade. Gal. tins, 90c; 5-gal. tins, \$3.00.

Berberis gracilis. S14A. "Dwarf Barberry." 2 ft. 5°. Foliage, flowers and berries like the above but makes a low, rounded, dense mound of foliage. Sun. Gal. tins, \$1.00.

Berberis pruinosa. S15. "Hollygreen Barberry." 6 ft. Zero. We think this is one of the most beautiful of Barberries, and here are the reasons: (1) The beauty and grace of its arching branches which do not get too big; (2) Long 2-inch, dark green, glossy, spiny-toothed leaves which cover the plant; (3) A few of them become brilliant red in the fall and winter (but do not drop); (4) Bright yellow flowers in late winter; (5) Followed by big, beautiful blue-black berries. Sun or half-shade. Gal. tins, 90c; 5-gal. tins, \$3.00.

Bouvardia

Bouvardia humboldti Albatross. ST2. 2-3 ft. 25°. Few flowers are as fragrant as the dainty, long, tubular, snowy white blooms of this fast growing, informal little plant. The flowers are borne in clusters continuously throughout the year and are intensely fragrant with a delicious jasmine scent. The tubes of the flowers are 3 or more inches in length, and the open face of the petals about 1½ inches across. You'll pay big money at the florist's for these flowers in a corsage. Why not grow them yourself? Prune the plants severely once or twice a year to keep them in bloom. Full sun or semi-shade near the coast; shade inland. Gal. tins, \$1.50.

Bouvardia ternifolia "Fire Chief Red." ST3. 25°. The tubular flower clusters on this almost everblooming little 3-foot plant have the same glowing brilliant red color that the Fire Chief uses on his car. You can see it a block away. The color takes the place of fragrance in this particular Bouvardia. Near the coast where the Bouvardias do best they are in bloom at least half the year. Should be pruned severely once or twice a year to keep the flowers coming. Full sun or semi-shade near coast; shade inland. See color illustration of this variety on back cover. Gal. tins, \$1.50.

Yesterday, Today and Tomorrow

Brunfelsia calycina floribunda. S17. "Yesterday, Today and Tomorrow." 6 ft. 20°. Medium size shrub of compact habit with rich dark green foliage, producing in early spring and summer many intensely fragrant flowers which open deep violet and fade gradually to lavender and white, yesterday's flowers being a different color today. Tomorrow they will be a still different color. Few flowers are more sweet-scented than these, and few plants bloom over a longer summer period. Plenty of moisture. We like it because it is just the right size for most locations in the garden. Sun or part shade. Gal. tins, \$1.50; 5-gal. tins, \$4.00.

Colorful Buddleias

Buddleia davidi. "Ile de France." S20. 8 ft. 15°. The finest of the "Summer Lilac" type of Buddleia, with great long flower spikes 6 to 12 inches long, in color a brilliant rosy purple tinted with violet. Deliciously fragrant. Perfectly hardy anywhere. Should be pruned back almost to the ground each winter. Full sun. Gal. tins, 70c.

Buddleia asiatica. S18. "White Summer Lilac." Similar to above but with white flowers, the most fragrant of all the Buddleias. Gal. tins, 70c.

Buddleia "Charming." S19. 8 ft. 15°. The finest of all the pink Buddleias. Bears all through the late summer and autumn beautiful long sprays of lavender-pink blooms, 12 to 16 inches in length, extremely fragrant and very dainty in coloring. Grows fast and will start to bloom for you the first summer after planting. Gal. tins, 70c.

Three Big Salesyards

If you visit one of our three Sales and Display Yards (Ontario, North Hollywood and Culver City), you will be able to see many plants not listed in this catalog, hundreds of plants in bloom. Our experienced salesmen will be able to give you helpful information regarding your planting. See maps on page 41 for information on how to reach our three Salesyards. You'll enjoy your visit at any one of them, will be able to select the plants yourself and in these days of shortages you will be more certain to get the plants you want if they are in stock.



Orchid Rockrose. "Old Rose" color, maroon-spotted. See full description on page 49.

Boxwood for Hedges

Buxus microphylla japonica. S22. "Japanese Box." 2 to 4 ft. 10°. For a 2 or 3 foot low evergreen trimmed hedge, in most of California there is nothing better than this variety. Naturally grows low, dense, and compact, with glossy, bright green, small leaves. An occasional trimming will keep it any shape you desire. Also useful for trimmed pyramids or globes for garden or tubs. Flats of 100 small plants, \$6.00; 4-inch pots for hedge planting, \$5.00 per 10, \$45.00 per 100; trimmed globes, 12-18 inches, \$4.00; trimmed pyramids, 18-24 inches, \$5.00; 24-30 inches, \$7.50; 2½-3 ft., \$10.00.

For a Very Low Hedge

Buxus harlandi. S21. "Harlands Boxwood." 2 ft. 5°. A new Boxwood which may displace the Japanese Boxwood for hedges and trimmed plants in many places, particularly where a lower hedge is desired, since this variety does not naturally grow much over 18 inches or 2 feet and becomes very dense and compact at that height, keeping its shape with almost no pruning. Grows quite rapidly to 18 inches, however. Flats of 100 small plants, \$6.00; trimmed globes, 12-15 inches, \$3.00; 15-18 inches, \$3.50.

Carpenteria, white flowers big as a dollar.



Armstrong Evergreen Shrubs

True Tea Plant

Camellia sinensis. (Thea.) S27A. "Tea Plant." 4-6 ft. 12°. This is the true Tea Plant, grown in Ceylon and China. You can use those "tender young leaves of the Tea Plant" to make your own tea if you wish. Those same leaves become 5 inches long when mature and are very beautiful. Entirely aside from the novelty of having a real tea plant in your garden, the plant is a beautiful ornamental, because it is a real camellia, with large, fragrant, 1½-inch, single, white flowers produced in great profusion, and it has beautiful foliage all year around. Grows easily in California. Part shade. Plenty of water. Gal. tins, \$2.25; 5-gal. tins, \$7.50.

Carissa grandiflora. F51. "Natal Plum." Beautiful ornamental fruiting shrub. See page 7. Gal. tins, 85c; 5-gal. tins, \$2.75.

Fragrant Carpenteria

Carpenteria californica. S29. "Fragrant Carpenteria." 6 ft. 15°. A handsome California native flowering plant, with large, long leaves and single, white, exceedingly fragrant, 5-petaled flowers, 2-2½ inches across, which look like single roses or single camellias. Exceedingly lovely in form and texture and borne in such profusion as to make the plant look like a mound of snow. Best in part shade under filtered sunlight, with good drainage. See illustration on previous page. Gal. tins, \$1.00; 5-gal. tins, \$3.00.

Golden Wonder

Cassia splendida. S31. "Golden Wonder." 20°. We are very enthusiastic over this large shrub, which is spreading, much branched, and becomes 6 to 8 feet in height and as much across. Beginning in November and continuing through December and January, it bears spectacular quantities of big golden yellow flowers at a time when it is difficult to get bright color in the garden. Its low, compact shape fits into almost any sunny spot. Thrives in the face of severe ocean winds. Full sun. Gal. tins, 80c; 5-gal. tins, \$2.75.

Cassia artemesoides. S30. "Feathery Cassia." 8 ft. 15°. Finely cut silvery-gray foliage and clear yellow, sweet scented flowers which look like big yellow bumblebees perched all over the plant. Needs little water, likes plenty of sunshine, thriving in Arizona and other desert sections, as well as near the coast. Full sun. Gal. tins, 80c; 5-gal. tins, \$2.75.

Please include on your order sheet both the name and code number of each variety ordered. This will help us to avoid errors in filling your order.

California Lilacs

In the springtime the California foothills are glorious to behold because the landscape is massed with the delicate blue flowers of the California Lilac and the air is scented with their sweet perfume. They grow rapidly in the garden, and thrive anywhere in well-drained soil. Full sun.

Ceanothus thyrsiflorus griseus. S36. "Deep Blue Wild Lilac." 6 ft. 10°. We consider this to be one of the very finest varieties of the California Wild Lilac because of the magnificent deep blue color of the fragrant flowers. It is an easy-to-grow variety and much longer lived than many of the richly colored California Lilac kinds. It will be a never-failing source of delightful spring color. Full sun. Dry soil. Gal. tins, \$1.00; 5-gal. tins, \$3.00.

Ceanothus gloriosus. S33. "Point Reyes Ceanothus." A low, dense, spreading mat of glossy evergreen foliage, never becoming more than 6 or 8 inches high but covering the ground for as much as 6 or 8 feet. It covers itself in late spring with masses of rich, bright, blue-lavender (on red stems), fragrant and lovely in coloring. In Southern California it does best in filtered shade with plenty of moisture. In the coastal areas north of Santa Barbara it will grow in full sun if kept well watered. Gal. tins, \$1.25.

Ceanothus purpureus. S35. "Hollyleaf Ceanothus." 2-4 ft. 12°. An exceptionally beautiful and valuable form of the California Lilac because of its small size and the rich, vivid color of its masses of purple-lavender flowers which cover the plant in March and April. The small, bright glossy green, holly-like foliage is handsome too, and the little reddish seedpods in May are so attractive that they make lovely cut sprays. In Southern California it does best in filtered shade; light soil, with some water during the summer. Gal. tins, \$2.00.

A Spot of Blue

Ceratostigma willmottianum. S38. "Chinese Plumbago." 3-4 ft. 10°. One of the finest blue flowering garden shrubs, of medium size. From June to December the handsome plant is covered with great masses of the deepest, richest, most brilliant shade of blue imaginable. It grows with the greatest of ease anywhere in sun or shade and in any type of soil, never failing in its bounteous crop of flowers. In colder sections it drops its leaves, but it should be pruned back once a year anyway wherever planted. Gal. tins, 90c; 5-gal. tins, \$3.00.

Ceratostigma plumbaginoides. S37. "Dwarf Blue Plumbago." 15°. Dwarf, blue flowering perennial, only one foot high. See page 30. Gal. tins, 70c.

Night Blooming Jessamine

Cestrum parqui. S40. "Night Blooming Jessamine." 5 ft. 21°. Just a good-looking, inconspicuous evergreen shrub in the daytime, but making itself known in the darkness by the ravishing fragrance from its small greenish-white flowers—a fragrance of musk mingled with heliotrope. Flowering branches placed in a room will emit perfume during the entire night but no longer. The pearl-white berries make splendid indoor decorations. Full sun. Gal. tins, 80c; 5-gal. tins, \$2.75.

Mexican Orange

Choisya ternata. S46. "Mexican Orange." 5 ft. 15°. A dense, globular shrub, with bright, glossy green foliage profusely covered in spring with showy-white, sweetly scented blooms resembling orange blossoms. Hardy anywhere in Southern California. Sun or part shade. Gal. tins, \$1.00; 5-gal. tins, \$3.00.

Flame Pea

Chorizema varium. S48. "Flame Pea." 2 ft. 20°. A low, dense mound of glossy, hollow-like leaves on slender, drooping branches, covered with great quantities of brilliant, little, pea-like flowers, bright orange-red and reddish purple in color, borne throughout the winter and spring. For a spot of really brilliant color in your garden you will find nothing better than this easily grown shrub. Sun or semi-shade. Gal. tins, 80c; 5-gal. tins, \$2.75.



The gorgeous flower of Trinidad Flame Bush.

Trinidad Flame Bush

Calliandra guildingi. S23. "Trinidad Flame Bush." 8 ft. 15°. The large heads of vivid scarlet stamens, 3 inches long, each head shaped like a pompon, which cover the plant like a sheet of fire in the spring and summer, make this a sparkingly vivid and colorful plant. Its feathery, fern-like foliage is handsome the year around and makes a beautiful background for the brilliant flowers. Comes from Trinidad. Full sun. Gal. tins, \$1.00; 5-gal. tins, \$3.00.

Firefall Bush

Callistemon Red Chico. S26. "Firefall Bush." 6-8 ft. 15°. With this showy plant in your garden you'll have one of the most dazzling color displays that you can imagine. A real Fourth of July display with 4-inch flowers in a brilliant, vivid shade of red, hanging down from the arching branches like particles of glowing red fire. Keeps it up too, from April through June. A new hybrid from the U. S. Department of Agriculture, introduced by us last year for the first time. Really a hot number! Full sun. Gal. tins, \$1.25; 5-gal. tins, \$3.50.

Cascades of Crimson

Callistemon viminalis. S27. "Scarlet Bottle Brush." 15 ft. 15°. No plant will provide a magnificent show of brilliant scarlet color more easily than this tall, slender, semi-weeping, rapid growing shrub which covers itself in the spring with great masses of cascading scarlet blooms, 4 inches long. Grows easily anywhere, and you'll get plenty of spectacular color for your money. Full sun. Gal. tins, 80c; 5-gal. tins, \$2.75.

Bauhinia galpini is covered with these red orchid flowers all summer. See description on preceding page.



Geraldton Wax Flower

Chamaelaucium ciliatum. "Geraldton Wax Flower." 6 ft. 22°. The most popular and successful new shrub introduced into Southern California in the past ten years. It has attractive heath-like foliage, a graceful open habit and sprays of lovely little waxy blooms which range in color from white to various shades of pink and light lavender-red. The blooms have a little waxy cup in the center which is green when it first opens, soon changing to rich maroon. The flowers start to open in January and never stop until the middle of April when the oldest blooms are still beautiful. One of the finest of cut flowers because the sprays keep for days when taken into the house, and are very dainty and graceful in bowl arrangements. Prune back quite severely after the blooming season. Chamaelauciums prefer an open sunny position and will grow in any soil but probably do best in a light soil kept fairly dry. The plants should be pruned back rather severely after the blooming period is over to provide plenty of young growth for the next flowering season.

The following exclusive Armstrong varieties have been selected from hundreds of fine seedlings, and you'll find them immensely better than ordinary plants on the market elsewhere.

Chamaelaucium Blush White. S41. This is a very fine, large flowered, heavy blooming variety. Almost white, with just a bluish of pinkish lavender to make it effective. Gal. tins, \$1.00; 5-gal. tins, \$3.00.

Chamaelaucium Cameo Pink. S42. Has slightly smaller flowers in a much more pronounced shade of dainty pink tinged with lavender. A very profuse bloomer, with sprays unsurpassed for cutting. Gal. tins, \$1.00; 5-gal. tins, \$3.00.

Chamaelaucium Cameo Rose. S43. The richest in color, deep rosy lavender. Blooms very freely. Gal. tins, \$1.25; 5-gal. tins, \$3.50.

Chamaelaucium Dwarf Rose. S44A. The lowest growing Wax Flower that we have (3-4 ft.) and the deepest in color. Lavender-rose. Gal. tins, \$1.50; 5-gal. tins, \$4.00.

Three Salesyards

There are three Armstrong Sales and Display Yards (no other branches or agents) at which you may select from a full supply of Armstrong products. In addition to our home display yard at Ontario, our North Hollywood Branch on Magnolia Blvd., at Coldwater Canyon Ave., serves all of the San Fernando Valley, and our new Culver City Branch on Sepulveda Blvd., five blocks south of Washington Blvd., is convenient for all of Los Angeles and the beach cities.

Puzzle: Look below and see how many cute little canary birds you can find. *Crotalaria* is full of these beautiful green and gold birds all summer, and you can carry them right into the house if you like. See next page.



The Rockroses

Rockroses are exceedingly valuable evergreen shrubs for California because they grow so well in dry soils, like plenty of sunshine, are hardy alike to heat and cold, and because of the sheer beauty of the flowers and the great profusion of bloom. The plants require almost no pruning. Be sure that they get plenty of sunshine and not too much water. The blooming season lasts for many weeks in spring and early summer.

Cistus corbariensis. S50. "White Rockrose." 3 ft. 10°. A low bank of sage-green foliage studded with 2-inch white flowers. A plant that stands dry soil, sea sprays or hot sun, always looks fresh and luxuriant and is never-failing with its many beautiful blooms which appear for many weeks in spring and early summer. Grows well almost anywhere, and we find it to be one of the most useful plants in California gardens because of its all-year foliage, small size and long blooming period. See illustration page 47. Gal. tins, 80c; 5-gal. tins, \$2.75.

Cistus cyprus. S51. "Brown-eyed Rockrose." 5 ft. 10°. Pure white flowers, 3 inches across, with golden stamens in the center and a spot of maroon-crimson like a drop of blood at the base of each petal. Gal. tins, 80c.

Cistus ladaniferus maculatus. S52. "Crimson-spot Rockrose." 6 ft. 10°. While the other Rockroses grow into spreading plants this one grows rather tall and upright, and the large 4-inch foliage is studded with big white 4-inch flowers with a bright crimson spot at the base of each petal. Fast growing and free-blooming. Full sun. Dry soil. Gal. tins, 80c.

Cistus purpureus. S53. "Orchid Rockrose." 10°. It makes a compact, handsome plant, 4 feet high and 6 feet across, covered with lovely flowers 3 to 4 inches across, rich rosy-pink in color (it might be called "old rose") with a deep mahogany or maroon spot at the base of each petal, and with a center of yellow stamens. It is certainly the most colorful of all the Rockroses and a most satisfactory plant for a dry spot in full sun. Gal. tins, 80c; 5-gal. tins, \$2.75.

Summer-Holly

Comarostaphylis diversifolia. S55A. "Summer-Holly." 15 ft. 15°. One of the most beautiful of large native California shrubs. The long, narrow, notched leaves look something like those of the native California Christmas Berry or the popular Strawberry Madrone. They are always glossy and good-looking. It has big clusters of red berries like the native Christmas berry, hanging from it in August and September, and the dainty little creamy flowers which proceed the berries look like those of the Arbutus. The delightful combination of flowers, berries and foliage makes it one of the most beautiful of large shrubs for California gardens. It begins to bloom and berry when 4 to 5 feet high. Likes a semi-shady spot with reasonable summer moisture. Grows rather tall and slender. Gal. tins, \$1.50; 5-gal. tins, \$4.00.



Geraldton Wax Flower

The Fragrant Coronilla

Coronilla glauca. S58. "Honey Coronilla." 3 ft. 15°. Bushy, little, gray-foliaged plant smothered with quantities of small, pea-shaped, brilliant yellow blooms in late winter. Extremely fragrant, particularly at night. It grows with the greatest of ease almost anywhere in California. A much better source of yellow color than most of the Brooms. Sun or half-shade. Gal. tins, 80c; 5-gal. tins, \$2.75.

If you live in our Southern California delivery zone (see page 41), we can deliver your order to you in one of our covered trucks, subject always to wartime delivery regulations. Small, light weight orders of bare root material must be sent by mail or express. See page 42. No truck deliveries on orders of less than \$2.50.

The Glorybower

Clerodendron bungei. S54. "Rose Glorybower." 3-5 ft. 20°. Almost anywhere in California you can enjoy this easily grown plant, because it is perfectly hardy, and although it may freeze down to the ground in cold sections in winter, it grows right up again to 4 feet in the course of a few weeks and starts producing again, over its big heart-shaped leaves, quantities of big rosy-red hydrangea-like flower heads, 8 inches across. Deliciously fragrant. It will grow almost any place, but prefers a cool, semi-shady location. Gal. tins, 80c; 5 gal. tins, \$2.75.

Clerodendron myricoides. S54A. "Blue Glorybower." 6 ft. 20°. Just imagine a slender 6-foot shrub with lots of fine glossy foliage, hung from top to bottom with beautiful little purple and blue flowers, 1 1/2 inches across, which look like tiny orchids. Good looking foliage the year around, and the vigorous plants do not have to be nursed along. Blooms continuously from August until almost Christmas, the little orchid-like blue flowers renewing themselves day after day. The sprays are fine for cutting, too. Sun or part-shade. Gal. tins, \$1.00.

Breath of Heaven

Coleonema album. S55. (*Diosma alba*.) "White Breath of Heaven." 4-8 ft. 20°. This popular shrub with its sweet-scented, heath-like foliage and its literally thousands of little star-like white flowers in late winter and spring is a great favorite. If the foliage is rubbed, a most entrancing aromatic fragrance is released. Sun. Gal. tins, 80c; 5-gal. tins, \$2.75.

Coleonema pulchrum. S57. "Pink Breath of Heaven." 3-5 ft. 20°. The plant is very much like the White Breath of Heaven above and it has the same sweet-scented foliage, but it grows a little more compact, low and bushy, and the flowers are bright pink instead of white. Full sun. Gal. tins, 80c; 5-gal. tins, \$2.75.

Armstrong Flowering Shrubs

Berried Cotoneasters

Indispensable in California gardens are the Cotoneasters, which are splendid foliage plants, but their most valuable characteristic is the quantity of cheerfully colored red berries that brighten the bushes in autumn and winter and which are excellent cut material for bowl arrangements in the house at the holiday season or any other time. Hardy and fast growing anywhere. They all like a sunny position. We grow five excellent kinds to fit almost any position in the garden from the low, spreading Cranberry Cotoneaster up to the tall, large, Silverleaf Cotoneaster.

Cotoneaster apiculata. S62. "Cranberry Cotoneaster." 2-4 ft. Zero. A very fine spreading, semi-prostrate variety with the biggest, reddest berries you ever saw on a plant of this kind, almost as large as cranberries. Very handsome foliage as well, and it thrives easily any place. Full sun. Gal. tins, 80c.

Cotoneaster conspicua decora. S63. "Necklace Cotoneaster." 3-4 ft. 10°. Taller than the above low kind but still a low, spreading shrub, with arching branches which are always handsome throughout the year, particularly so in April when every branch is strung with little white flowers like sparkling gems and just as attractive in the fall and winter, when those flowers have turned to bright red berries. Gal. tins, 80c; 5-gal. tins, \$2.75.

Cotoneaster horizontalis. S64. "Rock Cotoneaster." 2 ft. Zero. A prostrate, half-deciduous shrub, its angular branches hugging the ground. In the autumn it has spray upon spray of glowing crimson berries, which, combined with its deep red leaves, are a beautiful sight (red in fall only). Gal. tins, 80c.

Cotoneaster lactea. S65. (C. parnayi) "Parnays Red Clusterberry." 5-6 ft. 10°. This is the best of the larger growing Cotoneasters because of its large, luxuriant evergreen foliage, which is dense and luxuriant throughout the entire year and because of the enormous clusters of brilliant red berries. It does not overgrow like so many of the larger growing Cotoneasters, seldom exceeding 6 feet in height, and is well foliated right down to the ground, showing no bare stems. See this variety illustrated in color on page 52. Gal. tins, 80c; 5-gal. tins, \$2.75.

Cotoneaster pannosa. S66. "Silverleaf Cotoneaster." 8 ft. 15°. One of the best known and most widely planted Cotoneasters. The leaves are a soft gray-green, silvery underneath. White flowers in spring, followed by great masses of silvery red berries, remaining all fall and winter. A splendid desert shrub but equally good on the coast. Gal. tins, 80c.

Canary-Bird Flower

See colored illustration on page 49.

Crotalaria agatiflora. ST4. "Canary-Bird Flower." 6-10 ft. 25°. When you get this unusual fast growing shrub from Haille Selassie's Abyssinian mountain slopes in bloom in your garden it will be the most striking and most spectacular object there. It has luxuriant tropical-appearing leaves and racemes of large, 3-inch green and gold flowers in sprays as much as 3 feet long. The boughs look as though they were full of gorgeous canary birds, and cut, make splendid table decorations. Sun, plenty of moisture. Gal. tins, \$1.25; 5-gal. tins, \$3.50.

Order by Mail

You'll find it most satisfactory to visit one of our three Display Yards in Ontario, North Hollywood or Culver City, but if you cannot do this, put your order in the mail and no matter where you live we'll get it to you by the safest and most economical means, whether it be truck, mail, express or freight. See pages 41 and 42 for shipping information. Address all mail orders to Ontario.

Irish Heath

Daboecia cantabrica alba. S80. "White Bell Irish Heath." 2 ft. 10°. Right from the green sod of old Ireland comes this beautiful little Heath, which makes a beautiful low mound of dark shining green leaves, covered in summer with beautiful nodding white bell-shaped flowers, 1/2-inch long. It does better in California than most of the South African Heathers. Sun or semi-shade. Use plenty of leaf mold or peat moss and plenty of water. Gal. tins, \$1.00.

The Fragrant Daphne

Daphne odora. S81. "White Daphne." 2-3 ft. 10°. This is just about the most powerfully fragrant plant in the world and it is difficult to realize that one small plant can radiate such an intense, delightful and deliciously sweet perfume. In the garden you can inhale it many yards away, and one little sprig of blooms will perfume the entire room when cut. The small flower heads of creamy white are borne profusely all over the plant throughout the winter. The handsome plant with its shiny green foliage does best in partial shade with plenty of moisture but good drainage. Gal. tins, \$2.00; 5-gal. tins, \$5.00.

Daphne odora Yellowedge. S83. "Gold-edged Daphne." 2-3 ft. 10°. Leaves margined with gold, the flowers are pink. Gal. tins, \$2.00; 5-gal. tins, \$5.00.

Daphne odora Rose Queen. S82. "Large Pink-Flowered Daphne." 3-4 ft. 10°. A beautiful strain with plain green leaves and deep pink flowers a little larger than the other varieties. The leaves are bigger, the plant is larger and it grows faster. Gal. tins, \$2.00; 5-gal. tins, \$5.00.

Dwarf Duranta

Duranta stenostachys. ST4A. "Brazil Sky-flower." 4-6 ft. 24°. If you want a lovely foliated, graceful arching plant about 5 feet high and as much across in a sunny or half-shady spot in your garden, bearing beautiful little 4 to 6-inch sprays of lovely lilac-purple blooms, each one a half inch across, borne almost all summer long and sometimes in other seasons, search no farther, here it is. Do not confuse this with the old tall, weedy, thorny Duranta plumieri. One of the finest of small garden shrubs in habit, foliage and flower. Gal. tins, 90c; 5-gal. tins, \$3.00.

Silver-Bronze Leaves

Elaeagnus Fruitland. S87. "Fruitland Silver-berry." 8 ft. 10°. A large spreading shrub with 4-inch leaves and stems covered with frosty shiny scales. Even the great silver-bronze berries look as though they had been gilded. Thrives anywhere even in the ocean spray. Sun or part shade. Gal. tins, 80c; 5-gal. tins, \$2.75.

Brilliant Winter Blue

Eranthemum nervosum. ST4B. "Blue Winter Eranthemum." 4 ft. 24°. We are always very much pleased when we can recommend a good, small, blue flowering shrub because they are scarce, especially one which has such luxuriant looking all-year foliage. This plant from tropical India bears many large clusters of the most brilliant blue flowers throughout the late winter and spring. Prefers a shady position with plenty of moisture but it is not particular and will do as good in the sun, if not allowed to become too dry. Gal. tins, 60c.

For the Seashore

The Escallonias are particularly fine shrubs for the seacoast, since they like the salt air and their splendid foliage is particularly luxuriant under coast conditions. Their sweetly fragrant spikes of delicately colored flowers appear over most of the year. Sun or part-shade. Plenty of water.

Escallonia viscosa Apple Blossom. S99. "Apple Blossom Escallonia." 5 ft. 15°. Dainty blush-pink; very free-blooming. Gal. tins, 80c; 5-gal. tins, \$2.75.

Escallonia rubra. S98. "Red Escallonia." 6 ft. 15°. Beautiful flowers of deep red. Gal. tins, 80c; 5-gal. tins, \$2.75.



flowers of Rosy Christmas Heather, see next page.

Pink Australian Fuchsia

Correa pulchella. S61. "Australian Fuchsia." 1 1/2 ft. 22°. This is one of the finest foreground shrubs for California gardens. It stays small, only about 18 inches high, and makes a dense mass of foliage which may spread out for 4 or 5 feet. The little, waxy, bell-shaped flowers are a beautiful soft pink, and are borne in the winter from November to April. Extreme heat does not bother it, and it rather likes dry soil. A fine shrub to plant in front of Chamelaucium described on preceding page. Sun or shade. See illustration on page 53. Gal. tins, 90c; 5-gal. tins, \$3.00.

Correa alba. S59. "White Correa." 4 ft. 20°. More upright than the above, becoming about 4 feet high and as much across, with handsome silvery grey foliage. Hanging all over it in the summertime are many little bell-shaped white flowers about a half inch long. It will do well in any soil. The hottest sun does not bother it. Gal. tins, 90c.

Correa harrisi. S60. "Red Correa." 1-2 ft. 22°. Startling new Correa, with bell-shaped flowers an inch or more in length in a bright shade of orange-scarlet. Grows very much like Correa pulchella in habit but with much deeper and brighter colored flowers. Gal. tins, \$1.50.

Shipping Weights: Packed for shipment, plants in gallon tins weigh 10 lbs. each; 5-gal. tins, 50 lbs. each. See page 42 for shipping costs.

Gardenia Mystery Armstrong Strain, illustrated below one-half natural size, is one of Southern California's most popular garden shrubs. The Armstrong Strain of Mystery has extraordinarily large flowers and the biggest, glossiest foliage.





Flowers of Cymbidium, reduced one-third. As many as 40 on a 3-foot spray. Many beautiful colors.

Garden Orchids for California Cymbidiums

Cymbidiums. In California we can grow some of the most beautiful hardy Orchids outdoors in our gardens with ease. The Cymbidiums, a bloom of which is illustrated on this page, make clumps of grassy foliage, 2 to 4 feet high, and in the winter and early spring carry great sprays, from 1 to 3 feet long, of the most beautiful Orchids imaginable in a wide range of colors. As many as 30 blossoms may be found on a single spray, while 10 to 20 sprays are not uncommon for a mature plant.

Cymbidiums will grow well along the coast from San Diego to San Luis Obispo and in all inland valleys except the hottest desert valleys. They like a location where they have light shade or are protected from the hottest sun during the day. While they like a fibrous soil with plenty of coarse leaf mold or peat moss mixed in, they must have good drainage. They thrive under Oaks, Sycamores and other trees readily and will stand minimum temperatures down to 20°. Once established the plants are permanent. They come in many lovely shades of amber bronze, creamy yellow, luminous green, chartreuse, pink and claret.

Strong clumps: \$10.00, \$12.50, \$15.00 and on up to \$50.00 each. The sizes priced at \$10.00 usually will not have flower sprays this season, but many of the larger clumps will bloom during the current winter blooming season. See them in bloom from January to April in our Display Yards and pick out the one you like. In most sizes we can usually supply plants in shades of bronze, creamy yellow, or pink. The other colors must be selected while in bloom.

Heathers

Erica blanda. S91. "Red Everblooming Heather." 3 ft. 15". Low, rounded, it bears clusters of tubular red flowers throughout the entire year. What other flowering shrub will do more? Full sun. Gal. tins, 90c; 5-gal. tins, \$3.00.

Erica canaliculata rosea. S92. (E. melanthera rosea.) "Rosy Christmas Heather." 6 ft. 15". This is the best known and most popular of all the Heathers in California, and certainly it is one of the most beautiful of winter flowering shrubs. From November to March the plants are a solid mass of small rosy-lavender flowers dotted with black stamens. It is sometimes called "Scotch Heather" but it never saw Scotland, being a native of South Africa, and is much showier and brighter than the real article. Full sun, good drainage. Gal. tins, 90c; 5-gal. tins, \$3.00.

Erica cruenta. S94. "Dwarf Scarlet Heather." 3 ft. 18". Bushy, low grower, lighted up all through the late summer, the fall and early winter months with 6 to 8 inch spikes of slender, tubular flowers in a showy shade of flame-red. Gal. tins, 90c; 5-gal. tins, \$3.00.

Erica lusitanica. S95. "Spanish Heather." 4 ft. 18". So covered with snowy-white flowers in late winter that it looks like a young snowdrift. Gal. tins, 90c.

Erica mediterranea. S96. "Biscay Heath." 4 ft. 5". Compact and bushy, with stiff stems and purplish-pink flowers from March to June. Hardy anywhere. Gal. tins, 90c.

Poinsettias

Euphorbia pulcherrima. S77. "Poinsettia." The well known scarlet "Christmas Flower" so popular for sunny positions in milder situations. Always be sure to plant Poinsettias in full sun. Gal. tins, 80c.

Euphorbia Henriette Ecke Improved. S79. "Giant Peony-Flowered Poinsettia." 28". Here is the most spectacular of all Poinsettias, with an enormous, brilliant red flower, fully double like a peony. Until you have seen those gigantic, spectacular flowers which get to be 9, 10 or even 12 inches across, you've no idea how magnificent they are. Plants are scarce. Gal. tins, \$1.25.

Evergreen Euonymus

Euonymus fortunei radicans. G5. "Red Winter Creeper." Zero. One of the finest spreading, creeping foliage plants for a ground cover. See page 38. Flats of 100 plants, \$6.00.

Euonymus japonicus. S100. "Evergreen Euonymus." Euonymus has long been a most useful foliage ornamental in the West and South, standing heat and cold, easily grown anywhere in the Southwestern States, and always with dense, glossy, handsome foliage. Often used as trimmed specimen plants and makes splendid hedges which can be pruned to any desired height. Gal. tins, 70c; balled, 2-3 ft., \$5.00; 3-4 ft., \$6.00; untrimmed specimens, 5-6 ft., \$10.00. We also have the **Giltedge (S100A)** in flats of 100 plants at \$6.00, and the **Goldspot (S101)** in flats of 100 plants, \$6.00; balled, 2-3 ft., \$5.00; 3-4 ft., \$6.00; untrimmed specimens, 5-6 ft., \$10.00.

Like Frosted Coral

Eupatorium vernale. S102. "Coral Eupatorium." 4-5 ft. 23". Just visualize a handsomely foliaged 4 ft. plant, glossy and bright green right down to the ground, carrying at the end of every branch from January to April, 5 or 6-inch heads of small, flesh-pink blooms, soft and feathery, like a dainty piece of pink coral. Blooms first winter after planting. Prune severely after each blooming period. Gal. tins, 70c.

The Useful Eugenias

Eugenia paniculata australis. S76. (E. myrtifolia.) "Australian Brush Cherry." 24". If unpruned, this splendid foliage plant will attain 12 or 15 feet in height, but is usually grown as a trained pillar or pyramid to any desired height, or as a hedge, and for either use it is exceedingly lovely because of its clean, glossy, Myrtle-like foliage which takes on a cheerful bronze tint in the new growth. The big purple berries make excellent jelly too if there is any left after the children get through eating them. (They won't hurt the children.) Gal. tins, 80c; 5-gal. tins, \$3.00.

Eugenia uniflora. FS13. "Surinam Cherry." 6 ft. 20". Handsome ornamental fruiting shrub. See page 7. 5-gal. tins, \$3.50.

Ground Orchids

See this illustrated in color on next page.

Epidendrum o'brienianum. S88. "Everblooming Ground-Orchid." 5-6 feet. A semi-reclining, leafy plant, sending up leafy stems from 3 to 6 feet tall on which are borne big clusters of brilliantly colored, bright scarlet flowers, the lip shaded with orange-yellow. They are magnificent for cutting and you can easily have such flowers if you live in Southern California where the temperature does not go below 25°. Once established, the plants will provide blooms almost every day in the year and will grow into large clumps. Full sun along coast, semi-shade elsewhere. Best planted against a wall. 6-inch pots, \$2.50; 5-gal. tins, \$5.00.

Epidendrum radicans. S89. "Orange Ground Orchid." 4-5 ft. A slightly smaller plant than the above but with even more and brighter blooms. Its 1-inch flowers are a brilliant cinnabar-red approaching orange. 6-inch pots, \$2.50.

Epidendrum Orange-Buff. S87B. "Orange-Buff Ground-Orchid." 5-6 ft. 20". A new hybrid from the Hawaiian Islands with beautiful big clusters of orange and buff flowers. A most delightful and unusual shade and a wonderful cut flower, blooming almost all the year. 6-inch pots, \$2.50.

Terrestrial Orchid

Bletilla hyacinthina. P9. "Terrestrial Orchid." 20". Another delightful, easily grown outdoor Orchid, with grassy foliage 1 to 2 feet high, bearing in spring months a profusion of 1½-inch lavender-pink flowers with orchid and purple markings, splendid for cut flowers. Full sun along coast, semi-shade elsewhere. Gal. tins, \$1.00.

Orange Ginger-Lily (Yellow, Orange and Scarlet). See page 52.



Colorful Armstrong Shrubs

From a Lonely Isle

Galvesia speciosa. S108. "San Clemente Snapdragon." 3 ft. 20°. From the channel island of San Clemente off the California coast comes this handsome plant which produces lovely, carmine-red, snapdragon-like flowers 1½ inches long, throughout the entire year. A low, arching, spreading mound of handsome foliage, 3 feet high and 4 feet or more across, and you will find that there will be seldom a day during the year when you cannot find beautiful blooms on it. Grows easily almost anywhere. Full sun or semi-shade. Gal. tins, \$1.00.

Orange Ginger-Lily

Hedychium gardnerianum. ST20B. "Orange Ginger-Lily." 4-5 ft. 24°. For something really startling in the way of exotic color and fragrance, try this surprising Ginger-Lily from India. The 8 to 12 inch flower spike is a complicated affair with long tubes of saffron-yellow, contrasted with extraordinarily long filaments which are orange, shading to orange-scarlet at the tip. See illustration page 51. It has an intoxicating sweetness that fills the garden with fragrance (or the house if you want to cut them). It blooms with great freedom in spring and summer. Big glossy leaves, 18 inches long and 6 inches across. Plenty of moisture. Sun or shade. Gal. tins, \$1.00; 5-gal. tins, \$3.00.

Hedychium coronarium. ST20A. "White Ginger-Lily." 6 ft. 24°. Similar to the above, but with exceedingly-fragrant 3-inch white blossoms, used by the natives in the South Sea Islands for their leis. The fragrance is extremely powerful. Sun or shade. Plenty of moisture. Gal. tins, \$1.00; 5-gal. tins, \$3.00.

Fragrant Gardenias

The Gardenia, or as it is often called, Cape Jasmine, is unequalled for its rich, sweet perfume, and its snow-white blooms are produced in continuous succession throughout the year. They grow 2 to 4 feet high and are hardy down to 18°. Gardenias do best in partial shade or in filtered sunlight, with good drainage and a slightly acid soil condition, best obtained by the liberal use of peat moss or leaf mold. Give the plants plenty of moisture but do not keep them too wet, and since they root near the surface, do not cultivate around them. Gardenias should be heavily fertilized. Give each plant a handful of commercial fertilizer during each month from May to September.

Gardenia jasminoides "Mystery." (Armstrong Strain.) S109. During the last several years this Gardenia has become the most popular variety in Southern California largely because it has the biggest, glossiest and most luxuriant foliage and also has the biggest and most spectacular blooms, the magnificent, fragrant, snowy white blossoms often measuring 4, 5 and even 6 inches across. It makes a big, vigorous plant quickly and opens all its buds perfectly into magnificent flowers. There are several strains of Gardenia sold under the name Mystery, but we feel that the Armstrong Mystery Gardenia is superior to any other type, having larger, more perfect blooms, with bigger, glossier foliage and a robust habit. Gal. tins, \$1.25; 5-gal. tins, \$3.50; specimens in tubs, \$5.00.

Gardenia veitchi. S110. The foliage is not nearly as good as Mystery, but it has the faculty of producing more blooms, though small ones, than any other Gardenia, and once established, provides great quantities of medium sized (2-inch), fragrant flowers. Gal. tins, \$1.25; 7-inch pots, \$3.00.

Gardenia radicans. S111. "Dwarf Gardenia." Small glossy foliage and miniature blooms only 1½ inches across. Grows 12 to 18 inches high. 4-inch pots, \$1.00.

A Botanical Miracle

Fatsihedera lizei. S105. 6 ft. 5°. One of the rarest objects in nature, an artificial hybrid between plants of different genera, the giant leaved Fatsia japonica and the ordinary English Ivy. Makes a plant halfway between the two with extremely handsome deep green glossy foliage. Splendid for training flat against or over a wall. Its large, glossy, 6-inch leaves make a cool green covering in no time. Sun or shade. Gal. tins, 80c; 5-gal. tins, \$2.75.

Grevillea banksi. S113. "Crimson Comb Flower." 6 to 8 ft. 20°. Dense fern-like foliage and large, comb-like deep crimson flowers 4 inches long. It blooms almost every month in the year. Sun or part shade. Gal. tins, 80c; 5-gal. tins, \$2.75.

Cheerful Sun-Roses

Halimium lasianthum. S115. "Portuguese Sun-Rose." 2 ft. 10°. Grows low and spreading, becoming about 4 feet across. Its soft downy foliage is beautiful at all times, and every morning in the spring and early summer, it is profusely covered with its brilliant canary-yellow flowers, blotched purple at the base. Wherever you live in California these plants are ideal for the sunniest, driest spots in your garden. Gal. tins, 80c.

Halimium libanotis. S116. "Rosemary Sun-Rose." 18 inches. 10°. Dainty little compact plant with fine, gray-green, rosemary-like foliage, covered for many weeks in spring with quantities of little ¾-inch pure white flowers. Stays small, compact, and grows with the greatest of ease almost anywhere. Full sun. Gal. tins, 80c.

Halimium ocymoides. S117. "Spanish Sun-Rose." 3 ft. 10°. For many weeks in the spring and early summer this little rounded plant with gray-green foliage is a glorious mass of bright yellow flowers, each bloom with a maroon-red center. Plant it in a sunny spot where it will not get too much water and prune it back once a year after the flowering season. Grows easily anywhere. Gal. tins, 80c.

Epidendrum radicans. A gorgeous orchid, blooms all year in Southern California. See description page 51.



The big red berries of Parnays Red Clusterberry (*Cotoneaster lactea*) cover the plant at Christmas-time and for many weeks before and after Christmas. Multiply this picture by three times and you get an idea of what the approximate size will be. It never fails to berry, and the birds do not eat them. See description page 50.

Freeblooming Fuchsias

No other shade-loving shrubs bloom so profusely and with so much color over such a long season as the Fuchsias. They like a cool, moist, shady situation, thriving anywhere in California. Price on all Fuchsias: Gal. tins, 90c.

Our Largest Flowering Fuchsias

Gypsy Queen. ST14. Double giant with rose-pink petals and flame colored sepals. 4-5 ft.

Aviator. ST11. Single, pure white, with long, rose-red sepals curving outward like wings. 2-4 ft.

Pride of Orion. ST17. Immense double flowers, with pure white petals, brilliant scarlet sepals. Our best white. 4-5 feet.

Tubular-Flowered Fuchsias

Corymbiflora. ST13. Spectacular, 4-inch, crimson, tubular flowers in big clusters. 4-8 ft.

Souv. de Henry Henkel. ST18. Long, tubular, scarlet flowers. Plum-colored foliage. 2-4 ft.

Our Best Hanging Basket Fuchsias

Cascade. ST12. Almost 4 inches long. Coral-rose sepals, bright rose petals. 1-2 ft.

Aurora superba. ST10. Single, orange-salmon. 2-4 ft.

Our Best Low-Growing Fuchsias

Little Beauty. ST15. Single, purple petals, red sepals. The most compact plant and the heaviest bloomer. 1-2 ft.

Pasteur. ST16. Double, white petals, scarlet sepals. 1-2 ft.

African Daisy Bush

Euryops athenasiae. S103. "South African Daisy Bush." 18°. The tall, slender, ever-green plants bear big daisy-like bright yellow flowers, 8 inches across, on 12-inch stems in the middle of winter. Fine winter cut flowers. Full sun. Gal. tins, 80c.

Euryops pectinatus. S104. "Silver and Gold Bush." 2-3 ft. 18°. Beautifully rounded and compact, with handsome silvery gray leaves 3 inches long, covered in late winter and spring with beautiful bright golden yellow, 1½-inch flowers on 6-inch stems. A spot of brilliant color for a dry sunny spot. Gal. tins, 80c.

Chinese Hibiscus

Hibiscus are one of the showiest flowering shrubs for Southern California, with large glossy leaves and immense bright-colored flowers. They all like plenty of sunshine and moisture and are hardy down to about 28°. Given these conditions they grow easily and bloom during the entire year. They are at their best in the Southern California coastal regions but thrive in the foothills and interior valleys where the temperatures do not go too low. Even in the desert regions of Coachella and Imperial Valleys they make magnificent plants. All varieties below are single unless noted.

Standard Varieties

Gal. tins, \$1.00; 5-gal. tins, \$3.00.

Agnes Galt. SH1. Immense deep coral-pink flowers. One of the strongest growers and prodigious bloomers in our entire list. Long one of the most popular of California Hibiscus.

Brilliant. SH2. Immense brilliant scarlet, there has not been any red Hibiscus to excel it yet. It blooms to beat the band, and the flowers are always perfect. One of the hardest of the entire lot, too, growing almost anywhere with ease.

Butterfly. SH3. A large bronzy yellow flower with a rich red center. No tropical butterfly ever had richer colorings.

Double Red. SH5. Rich dark crimson, with many petals. A dwarf grower.

Double Yellow. SH6. Large, many petalled flowers of clear yellow without other shadings. Gal. tins only.

Prince Takamatsu. SH10. A very large and lovely red Hibiscus, often 6 inches across. It is a glowing orange-scarlet, larger and with more orange in it than the variety Brilliant. Gal. tins only.

Sophisticate. SH12. Big white petals, heavily blushed with deep pink. Very lovely coloring. Got its name because the rouge is in just the right shade and just the right amount. We'd call it a perfect job of make-up.

Sunshine. SH13. Big flowers of golden yellow, with a deep pink throat.

Unusual Hibiscus

Arnotianus. SH1C. Snowy white flowers with no other color except the long flaming red pistil. Delicately fragrant. It makes a large bush or even a small tree in time. Blooms right through the winter. One of the loveliest of Hibiscus. Gal. tins, \$1.25; 5-gal. tins, \$3.50.

Bronzino. SH2A. Here is a magnificent new Hibiscus of Hawaiian origin, extra-ordinary in the richness of its color and the beauty of its form. The entire flower, which is almost 6 inches across, is a brilliant orange-bronze with a little tinge of red in the very center. The enormous petals overlap, forming a very full, large bloom, and the petals are ruffled like crepe paper, giving a most unusual effect. Gal. tins, \$1.25; 5-gal. tins, \$3.50.

Fiery Furnace. SH7. A new Hibiscus with an amazingly rich color scheme, glowing golden orange deepening toward the throat until it becomes flaming red in the center, from which protrudes the rich golden orange stamens. The petals are heavily ruffled and crinkled like thick crepe paper. Gal. tins, \$1.25.

Crown of Bohemia

Crown of Bohemia. SH4. Unquestionably the most spectacular of all double Hibiscus that we have seen. Enormous bronzy orange flowers with many petals, gracefully arranged. There are tints of cerise, apricot and amber in the center of the bloom, giving it added beauty. Not only does it have magnificent flowers but it has possibly the best looking foliage in the Hibiscus, and it keeps producing its showy blooms continuously. Gal. tins, \$1.50; 5-gal. tins, \$4.00.



The dainty winter-blooming flowers of Australian Fuchsia. See page 50.

Hawaii's Finest

See illustration of Hibiscus Fireside in color on back cover.

Fireside. SH8. A magnificent, richly colored new Chinese Hibiscus from Hawaii grown exclusively by Armstrong Nurseries. The magnificent 5-inch flower has broad overlapping petals, ruffled and beautifully textured. It has a flaming red center, suffusing toward the outer edges of the petals into rich deep chrome-yellow. The plant is a good grower and carries quantities of the big, richly colored blooms. It will make a vivid tropical splash of color in your garden. Gal. tins, \$1.50; 5-gal. tins, \$4.00.

Hibiscus Hallowe'en

Hallowe'en. SH9. Somebody dumped in all the paint pots when this new Hibiscus creation was originated. Can you recall the rich orange-scarlet color of a ripe Hachiya Persimmon? That is the color that covers the greater portion of the petals of Hallowe'en Hibiscus. This brilliant tone merges into copper and shining gold. The giant, 6-inch flower, with its broad, ruffled petals, has a texture like crepe paper. Gal. tins, \$1.50; 5-gal. tins, \$4.00.

See richly colored Armstrong Hibiscus in bloom at any one of the three Armstrong Salesyards—our home display yard at Ontario, the North Hollywood Branch on Magnolia Blvd. at Coldwater Canyon Ave., or our Culver City Branch on Sepulveda Blvd., five blocks south of Washington Blvd.

The big, coral-pink Hibiscus Agnes Galt shown below is the best of the solid pink Hibiscus. The flowers are very large and richly colored.

Bronzino Hibiscus, below, is one of the most beautiful in its color. The illustration is about one-half natural size.



Armstrong Shrubs

Chinese Hat Plant

Holmskioldia sanguinea. S122. "Chinese Hat Plant." 8 ft. 22°. Planted in a warm, sunny spot, this unique plant will produce great long clusters of brick-red flower bracts during almost the entire year, even through the middle of winter when you can use it for Christmas decorations. The flowering branches, resembling clusters of the richest colored Bougainvilleas, keep well when cut and placed in the house. A beautiful thing when trained flat against building or wall facing south. It likes plenty of sunshine and plenty of water. One of the most colorful new ornamental shrubs for milder California. Gal. tins, \$1.00; 5-gal. tins, \$3.00.

Hydrangeas

Everybody loves the big Old-Fashioned *Hydrangea macrophylla* described below, but you will enjoy these new hybrids with their richer deeper colors as well. Part shade. 10°.

Price on all varieties: Gal. tins, \$1.00; 5-gal. tins, \$3.00.

America. S123. Deep rose-pink. Gal. tins only.

Avalanche. S129. Immense, pure white.

Matador. S125. Deep rich rose-red.

Triomphe. S127. A very fine deep pink.

Rouget de Lisle. S126. Normally this is a rich shade of deep carmine, but we have treated the soil to make them bloom a deep rich blue. The flowers will always be that way if you keep the soil acid. 5-gal. tins only.

Hydrangea macrophylla. S124. (*H. hortensis*.) "Old-Fashioned Hydrangea." 5-8 ft. Long a favorite in California gardens, with its large bold foliage and immense heads of pink flowers, which turn blue in soils containing iron.

Hydrangea villosa. DS4A. "Blue Star Hydrangea." 4-6 ft. 10°. It has the most beautiful blue Hydrangea blooms that you have ever seen.

Gold Flower

Hypericum moserianum. S130. 2 ft. 10°. A popular low foreground shrub, covered with big, 2-inch golden yellow blooms in the spring. It is so difficult to find a shrub which will stay low and which will furnish plenty of spring and summer color that this one is particularly valuable. Easy to grow anywhere. Full sun or part shade. Gal. tins, 80c.

Hypericum patulum henryi. S131. "Henry's Golden Cup." 4 ft. 10°. Has foliage and plenty of bright golden 2-inch flowers like the above but it gets up to 4 ft. in height and makes a beautiful rounded, compact plant which blooms over most of the spring and summer. The foliage, which is good-looking all the year around, is a particularly pleasing shade of soft light green. One of the finest of shrubs where less than medium size is desired. Grows with the greatest of ease in any soil. Sun or part shade. Gal. tins, 80c.

English Holly

Ilex aquifolium Fertile. S133. "Fertile English Holly." Ordinary English Hollies grown from seed will not all produce berries so we have grown these special grafted plants of a type bearing heavy crops of very large, red berries every year if planted in a location suitable for English Holly. Most of the plants already have berries on them in the larger sizes. Plant in shade or semi-shade in Southern California. Of course, in the northern part of the State or in other States where the winter temperatures are low enough and the summers cool enough so that English Holly does well, this plant can be placed right out in the open. Always needs plenty of moisture. Gal. tins, \$1.50; 5-gal. tins, \$4.00; balled, 2-3 ft., \$5.00.

Ilex aquifolium Silver Queen. S134. "Silver-Edged English Holly." The foliage is beautifully variegated with silver and light green. Gal. tins, \$1.50.

The Biggest Holly Leaves

Ilex altacraensis Wilson. S132. "Broad Leaved Holly." 6-8 ft. 5°. The long, dark green 3-inch leaves of this hybrid Holly are rich glossy and ideally shaped, and they are the biggest Holly leaves of any variety in our collection. Compact, beautifully filled in, it makes a magnificent shrub and the beautiful big red berries are on a par with the handsome foliage. Gal. tins, \$1.50; 5-gal. tins, \$4.00.

Chinese Holly

Ilex cornuta Fertile. S135. "Fertile Chinese Holly." 6-10 ft. 5°. This is one of the very best Hollies for Southern California or anywhere in California because it is better adapted to warmer climates than the English Hollies and can be planted right out in the sun in the southern part of the State. Large, dark green, many toothed leaves forming a bushy, compact plant. These are cutting grown plants of a special heavy berry-producing type. Ordinary seedling Chinese Hollies will not usually produce berries profusely, but these we offer will not fail to bear. Gal. tins, \$1.50; 5-gal. tins, \$4.00; balled, 2-3 ft., \$5.00; 3-4 ft., \$8.50; 4-5 ft., \$15.00.

Burford Holly

See Illustration in Color on Page 56.
Ilex cornuta Burford. S135. "Burford Holly." 6-10 ft. 5°. A particularly fine foliaged and heavily berried type of the Chinese Holly which does exceptionally well in California. The foliage is large, so glossy that it looks as if it had been varnished, deep green in color. The plant bears plenty of big, bright red berries like those illustrated on page 56. While it makes a large shrub in time, it will not reach its ultimate height for a number of years. It will grow fairly well in a sunny place and carries so many berries and has such fine foliage that we think it is possibly the finest Holly for Southern California. Gal. tins, \$1.50; 5-gal. tins, \$4.00; balled, 1½-2 ft., \$5.00; 2-3 ft., \$7.50.



The sweet-scented Jasmine Grand Duke (natural size).

Yunnan Sweetspire

Itea yunnanensis. S140. "Yunnan Sweetspire." 5 ft. 15°. One of the finest all-year foliage plants that can be grown in California. Big, bronze tinted, bright green leaves. Long, fragrant, white catkins in spring. Full sun or part shade but requires plenty of moisture in the summertime. Gal. tins, 80c; 5-gal. tins, \$2.75.

Itea ilicifolia. S139. "Holly Leaf Sweetspire." 8 ft. 15°. The big, toothed, polished, deep green leaves look more like Holly than Holly itself, and you will never find anything better than its foliage to use for your Christmas decorations. One of the most magnificent foliage plants for any California garden, grows tall and slender. Sun or part shade along coast but only part shade inland. Gal. tins, 80c; 5-gal. tins, \$2.75.

Grand Duke

Jasminum sambac Grand Duke. S141. 2-5 ft. 20°. A rare and beautiful, semi-reclining shrub with double 3-inch flowers of pure white with a powerful and refreshing sweet perfume. Quite hardy, but prefers some shade and blooms almost the year around. The flowers look like perfect many-petaled gardenias and exceed gardenias in the intensity of their sweet perfume. Part shade. Gal. tins, \$2.00; 5-gal. tins, \$5.00.

Jasminum sambac Maid of Orleans. S141A. 3-6 ft. 22°. Closely related to the Grand Duke Jasmine above since they are both forms of the Arabian Jasmine, the flowers of which are used to perfume jasmine tea in the Orient. This one grows much faster than Grand Duke and makes a bushy, upright plant, carrying in the late summer and fall dozens of the little, creamy white, double flowers, 1 to 1¼ inches across, heavy with the sweet, rich jasmine fragrance. Carries many more flowers than the Grand Duke Jasmine although they are smaller. Part shade. Gal. tins, \$2.00.

Lantanas

Lantanas. 22°. These popular ever-blooming shrubs grow very rapidly and are a mass of bloom almost all the year. The dwarf varieties grow from 1 to 3 feet high and the tall varieties to 5 or 6 feet. All kinds: Gal. tins, 70c.

Orange-Red. S142. Dwarf.

Pure White. S143. Dwarf.

Clear Yellow. S144. Dwarf.

Light Pink. S145. Tall.

Orange-Red. S146. Tall.

Trailing Lantana. G13. (*L. sellowiana*.)

22°. Much used for trailing over sunny banks and walls. A mass of lavender flowers during most of the year. Fast growing. Flats of 100 plants, \$6.00; gal. tins, 70c.

Old-Fashioned Lavender

Lavandula officinalis. S149. "Old-Fashioned Lavender." 2-2½ ft. 0°. The beautiful rounded, little silvery-gray leaved plant from which the true Oil of Lavender is obtained. Tall rosy-purple flower spikes, exceedingly fragrant when rubbed. Gal. tins, 80c; balled, 12-15 inches, \$2.00; 1½-2 ft., \$3.00.

Lavandula pedunculata. S149A. "Purple Plume Lavender." 15 inches. 0°. The long-stemmed, deep purple flower spikes, each topped by 3-inch purple plumes, 1½ inches long, are much brighter but just as fragrant as the old type above. Gal. tins, 80c.

Hollyhocks on Bushes

Lavatera olbia. S148. 15°. A fast-growing Mallow which grows rapidly to 6 feet and bears almost continuously good sized, bright pink flowers like single hollyhocks. Should be cut back each winter almost to the ground. Sun or part-shade. Gal. tins, 90c; 5-gal. tins, \$3.75.

Flowers of Rose-Flowered Tea Tree. The size and color of Cecile Brunner roses. See opposite page.



Australian Tea Tree

Leptospermum laevigatum. S150. "Australian Tea Tree." 8-10 ft. 15°. Large spreading shrub with graceful arching branches and grayish-green foliage, needing very little water and thriving in any soil. Splendid for cut sprays for house decoration because of its handsome little foliage and its little white flowers. Easily trained in espalier form against a sunny wall, but give it plenty of room. Needs good drainage. Full sun. Gal. tins, 80c; 5-gal. tins, \$2.75.

Rose-Flowered Tea Tree

Leptospermum scoparium Rose Double. S151. "Dwarf Rose-Flowered Tea Tree." 4-6 ft. 15°. Here is one of the most beautiful little flowering shrubs ever offered for California gardens. It grows fairly erect but never gets very large, has soft, fine-cut, dainty foliage which looks the same all the year. In March and April it produces great quantities of little double pink blooms which look like little Cecile Brunner Roses and are about the same size. The plant grows easily anywhere, preferring reasonably dry soil and full sun. It is a delightful and useful plant from which to obtain material for bowl arrangements for the table. The little pink buds and flowers with their accompanying foliage look well with many other bloom sprays. Gal. tins, 90c; 5-gal. tins, \$3.00.

Pink Sparkler

Leptospermum Sanders. S152. "Pink Sparkler." 6 ft. 15°. One little spray will make you want it for cut flowers, and when you have a 6-foot plant, its long, slender arching branches covered all year with soft, feathery, light green foliage and all spring with lovely little 3/4-inch lilac pink flowers, shaded crimson—well, you'll drag your friends out in the garden to see it if you do not already have a vase full in the living room to show them. Full sun or half-shade. Gal. tins, \$1.00; 5-gal. tins, \$3.00.

Oregon Grape

Mahonia aquifolium. S159. "Oregon Grape." 3 to 6 ft. 0°. Dark, lustrous, holly-like foliage and yellow flowers in dense clusters in the early spring, followed by purplish berries. Thrives in almost any location but partial shade and ample moisture result in brighter and glossier foliage. An all-climate plant. Gal. tins, 80c; 5-gal. tins, \$2.75.

Mahonia aquifolium compacta. S159A. "Dwarf Oregon Grape." 2-4 ft. 0°. Quite similar to the above, but with slightly smaller, narrower leaves. The main difference is in the lower, more spreading habit of growth. For a dense, compact, low bank of foliage, it is almost unexcelled, and it grows easily anywhere, always retaining its handsome appearance. Like the regular Oregon Grape, it does its best in half shade with plenty of moisture. Gal. tins, \$1.00; 5-gal. tins, \$3.00; balled, 2-3 ft., \$4.50; 3-4 ft., \$6.00.

Foliage and flowers of the Sweet Olive.

(*Osmanthus fragrans*.)

See full description on next page.



A Texas Ranger

Leucophyllum frutescens floribundum. S153. (texanum.) 5 ft. 10°. A beautiful plant from Texas, with soft, silvery-gray foliage, and pinkish lavender flowers, 1 inch across, borne in great profusion in the later summer, and sometimes in the spring as well. Prefers full sun and not much water. Gal. tins, 80c.

Privets for Hedges

Ligustrum henryi. S154. "Henry's Privet." 3-8 ft. 5°. Small, glossy, pointed leaves. One of the finest for a low hedge or for a pruned specimen plant. Flats of 100 small plants, \$5.00; gal. tins, 70c.

Ligustrum lucidum. S156. "Japanese Privet." 4 to 12 ft. 10°. Leathery dark-green glossy leaves and white flowers. The best tall hedge plant, making a fast, heavy, substantial growth. Hardy, drought resistant. Excellent for Arizona or other desert areas. Flats of 100 small plants, \$5.00; gal. tins, 70c.

Ligustrum japonicum. S155. "Nepal Privet." 3-8 ft. 10°. Large, glossy deep green leaves, hardy from seacoast to desert. For a dense, beautifully foliaged, medium sized hedge, we know of nothing better. Flats of 100 small plants, \$6.00; gal. tins, 70c; 5-gal. tins, \$2.75.

Ligustrum ovalifolium. S157. "California Privet." 3-8 ft. 0°. A most popular hedge plant for severe climates. Strong growing, bright green foliage, makes a compact hedge of any desired size when pruned. Partially loses leaves in winter. Flats of 100 small plants, \$6.00; gal. tins, 70c.

Lemon Verbena

Lippia citriodora. S158. "Lemon Verbena." 5 ft. 22°. The cool, delightful fragrance of its foliage is unequalled, and the white flower spikes in summer are attractive. It is always found in the patios of old Spanish gardens in Europe and America. Gal. tins, \$1.00.

Lippia canescens "Creeping Lippia" is not a bit like the above but makes a splendid ground cover for a sunny spot. It requires little water and does not need to be mowed. See full description on page 38.

Banana Shrub

Melichia fuscata. S165. "Banana Shrub." 6 ft. 18°. A handsome but rarely seen shrub with 2-inch tulip-like flowers, brownish yellow in color, with a heady, pleasant banana-like fragrance. Connoisseurs of flower perfumes always go wild when this plant is in bloom, and we feel a bit daftly ourselves when we take a whiff of its delicious scent. Sun, semi-shade or shade. 5-gal. tins, \$5.00.

Red Lanterns

Malvaviscus grandiflorus. S163. "Red Lantern Plant." 8-10 ft. 23°. Here is a shrub that really gets out and goes to town as soon as you plant it, for within a few months it will be a big mass of handsome, evergreen foliage, decked with large, bell-shaped, 2 1/2-inch, bright crimson flowers like miniature Chinese red lanterns, and we doubt if there will be a day in the year thereafter when you will not find plenty of flowers on the plant. It is one of those shrubs you can plant in almost any climate, any soil, any place, sun or semi-shade and get abounding beauty in foliage and flower. Gal. tins, 80c.

Orange Jessamine

Murraya paniculata. S166. "Orange Jessamine." 6-10 ft. 20°. The foliage is that rich, luxuriant shade of green that everybody likes, always glossy and fresh looking. And in the spring and summer the plant has many panicles of white, exceedingly sweet-scented flowers like orange blossoms which frequently appear at the same time as the small, bright red fruits which the plant bears as it gets older. It is unquestionably one of the finest of fragrant flowering plants. Sun or part-shade. Gal. tins, 90c; 5-gal. tins, \$3.00.



The red lantern of Malvaviscus.

African Boxwood

Myrsine atricana. S167. "African Boxwood." 2-3 ft. 15°. Particularly valuable because it retains its small, compact form without pruning and because of its small, glossy, dense foliage which keeps its beauty uniformly throughout the year. Splendid for small specimen plant or low hedge, in fact, it is one of the best low foliage plants on our list. It does well in almost any climate from coast to desert and in any soil even where alkali is present. Full sun or part-shade. Gal. tins, 80c; 5-gal. tins, \$2.75.

True Myrtle

Note: Armstrong Myrtles are cutting-grown and therefore uniform in size, compact in shape, with fine glossy foliage. Most Myrtles bought elsewhere are grown from seed because it's cheaper and vary greatly in shape, foliage and rate of growth.

Myrtus communis. S168. "True Myrtle." 4-8 ft. 15°. Valuable for either single specimens or small hedge. The foliage is shining green and highly aromatic with creamy-white flowers in spring and currant-like black berries in summer. Easily kept pruned to almost any desired height. Thrives in hot, dry situations and cool ones as well. Flats of 100 small plants, \$6.00; gal. tins, 70c; 5-gal. tins, \$2.75.

Myrtus communis Compact. S169. "Dwarf Myrtle." 3-6 ft. 15°. One of the finest low evergreen hedge plants for California or Arizona. Extremely dense and compact, with small dark shining leaves; shapes itself, can be pruned down to 2 or 3 feet if desired. Plant 24 inches apart. Flats of 100 small plants, \$6.00; gal. tins, 70c; 5-gal. tins, \$2.75.

Oleander (Nerium)

Nerium oleander. 15°. The Oleander, with its brilliant, showy blossoms, is a beautiful shrub throughout all of California. It does particularly well in the desert regions and warm inland valleys, but does equally well right on the coast. Grows and blooms quickly wherever planted and blooms almost all through the year. The flowers are very fragrant. A good tub plant too.

All varieties: Gal. tins, 80c; 5-gal. tins, \$2.75. Balled plants available as indicated after each variety.

Double Salmon (Mrs. Roeding). S173. Double Light Yellow. S172.

Double Rose Pink. S174.

Double White. S171.

Single White. S176. Balled, 4-5 ft. \$5.00.

Single Cherry Red. S175. Balled, 3-4 ft., \$4.00.

Single Light Pink. S177.

Armstrong Flowering Shrubs

Useful Pittosporums

Pittosporum rhombifolium, S189. 15 ft. 20°. Small tree or large shrub of compact habit, with very fragrant white flowers, followed by clusters of large orange berries in fall and winter. It makes a beautiful little tree for walled garden or parkway, never getting too large for its location. Gal. tins, 80c; 5-gal. tins, \$2.75.

Pittosporum tobira, S190. 5 to 8 ft. 15°. A wide spreading, dense round headed shrub, with deep, glossy green foliage, excellent for massing against the house or wall, or for a fine large hedge. In the winter it is covered with small fragrant white flowers resembling orange blossoms. It thrives anywhere in California and in Arizona as well. Gal. tins, 80c; 5-gal. tins, \$2.75.

Pittosporum tobira variegata, S191. 4-8 ft. 15°. A beautifully variegated form of the above, with handsome silvery cream and green foliage. Gal. tins, 80c.

Pittosporum undulatum, S192. "Victorian Laurel." 8-20 ft. 22°. Large deep green, glossy undulated leaves. Its yellowish white flowers are very fragrant, especially at night. Big orange berries follow the flowers. Excellent for planting in narrow parkways, for a tall hedge or for foundation plantings where a large handsome mass of foliage is desired. Probably more widely planted within 30 miles of the coast in California for a large foliage plant than any other plant. Gal. tins, 80c; 5-gal. tins, \$2.75.

Daphne Pittosporum

Pittosporum daphniphyloides, S187. "Daphne Pittosporum." 8-10 ft. 22°. Not only is it a beautiful, large, handsome shrub with glossy, bright green, 6-inch long, narrow leaves, but it carries in spring and early summer 2-inch clusters of creamy yellow flowers which are delightfully fragrant with a mixture of spice, lemon and orange blossom fragrance which gives it the name Daphne Pittosporum. You'll walk toward it to inhale that fragrance many times when it's in bloom. Full sun or part shade. Plenty moisture. Gal. tins, \$1.00.

Climbing Syringa

Philadelphus mexicanus, V37. "Climbing Syringa." 12°. While often grown as a vine this plant makes a big, spreading, 6 or 8 foot shrub if desired and is well worthwhile growing as such for its great quantities of creamy white, double, 2-inch flowers, intensely fragrant in spring. Sun or half-shade. Gal. tins, 90c.

Hollyleaf Cherry

Prunus ilicifolia, S195. "Hollyleaf Cherry." 5-10 ft. 10°. The glossy hollylike leaves of this splendid native California shrub make fine Christmas decorations. Useful for large hedge or background planting in dry soil. Full sun. Gal. tins, 90c; 5-gal. tins, \$3.00.

Two Fine Laurels

Prunus laurocerasus, S196. "English Laurel." 5-8 ft. 5°. Makes the finest specimen shrub possible with its large, thick, glossy green leaves. Thrives anywhere except in the desert. Sun or shade. Gal. tins, 80c.

Prunus lusitana, S196A. (Laurus lusitanica.) "Portuguese Laurel." 5-10 ft. 5°. A slow growing, very dark green foliaged shrub, glossy, dense, compact and handsome. Spikes of fragrant white flowers in the spring. Sun or part shade. Gal. tins, \$1.00.

Catalina Cherry

Prunus lyoni, S197. (integrifolia.) "Catalina Cherry." 15-25 ft. 10°. Large, glossy, holly-like leaves, 3 to 5 inches long, handsome the entire year. Popular and useful as large background plant, large hedge or small street tree. Growing easily anywhere in full sun, any soil. Gal. tins, 90c; 5-gal. tins, \$3.00.

If it is not convenient for you to visit one of our three Display Yards, mail your order in and no matter where you live we will see that it reaches you by the safest and most economical method, whether it be mail, express, freight or our own trucks. See delivery and shipping information on pages 41 and 42.



Burford Holly. Two-thirds Natural Size. See page 54.

Nandina

Nandina domestica, S170. "Heavenly Bamboo." 5 ft. Zero. A favorite of California gardens is this plant, densely clothed with compound leaflets, bronzy red when young, dark green at maturity, and with beautiful coppery red tones in winter. Topped with great showy clusters of red berries in winter, but more than one plant is necessary to secure berries. Full sun or part shade. Flats of 100 small plants, \$6.00; gal. tins, 80c; 5-gal. tins, \$2.75.

Sweet Olive

Osmanthus fragrans, S181. "Sweet Olive." 10 ft. 10°. Large, handsome, dark green foliage and small, white, extremely fragrant flowers in clusters, whose cloying sweetness, like gardenia and hyacinth mixed, will betray their presence in the garden before you see the plants. Plant it to the windward and the breeze will waft the perfume over the entire garden. A splendid large background shrub. See illustration on preceding page. Sun near coast part shade inland. Gal. tins, 90c; 5-gal. tins, \$3.00; balled, 2-3 ft., \$4.00; 3-4 ft., \$5.00.

Osmanthus delavayi, S179. "Delavay Osmanthus." 5 ft. 10°. A compact, spreading plant with deep olive-green foliage like dainty, miniature holly leaves. In the spring the plant is covered with innumerable white bell-shaped flowers which release the most amazing amount of sweet fragrance. Any old-time English gardener will tell you what a rare prize this plant is. Slow growing. Semi-shade or shade. Gal. tins, \$1.50; 5-gal. tins, \$4.00.

Holly Leaves and Fragrance

Osmanthus fortunei, S180. 6 ft. 10°. Big, dark, 3-inch leaves that look like the glossiest, most beautiful English Holly leaves, and many white, very fragrant flowers, even sweeter than those of the Sweet Olive above. This combination of foliage and fragrance will make room for it in many gardens, and it is easily grown almost anywhere. Best in part shade. Gal. tins, \$1.25.

California Holly

Photinia arbutifolia, S183. "California Holly" or "Tovon." 6-10 ft. 15°. One of the finest California shrubs is the California Holly or Christmas Berry, which covers itself with great handsome clusters of brilliant red berries at the Christmas season. It makes a large, spreading, well-shaped bush and is an astonishing sight when loaded with its handsome berries, which make splendid indoor decorations for Christmas. Ours are no ordinary California Hollies but a specially selected, very large-fruited strain found only in secluded canyons on Catalina Island. Full sun, good drainage. 5-gal. tins, \$4.00.

Chinese Photinia

Photinia serrulata Nova, S186. "Compact Chinese Photinia." 8-10 ft. 5°. For all of California and Arizona there is no finer large evergreen shrub than this magnificent plant. At all times it is clothed with great, dark, shining 8-inch leaves, which are dotted during fall and winter with occasional brilliant red leaves, and in spring the plant becomes a solid mass of great 6-inch heads of white flowers. This is a great improvement over the ordinary Photinia since it has much glossier foliage and bigger, lacier flower heads. The big, handsome foliage is bronze, reddish green when it first comes out, turning to bright glossy green as the leaves attain their full size. We like to recommend it because it is not only one of the most beautiful of large shrubs but it will grow anywhere with ease. Gal. tins, 90c; 5-gal. tins, \$3.00.

Three big Armstrong Display Yards to visit—our home display yard at Ontario, the North Hollywood Branch at 12908 Magnolia Blvd., and the Culver City at 4440 Sepulveda Blvd. Always beautiful plants in bloom at each yard.

Berries of Graber's Firethorn, shown here two-thirds Natural Size. Biggest and reddest of all.





The new Carnation-Flowered Dwarf Pomegranate. Beautiful red fruits, too.

Blue Plumbago

Plumbago capensis. S193. "Blue Cape Plumbago." 5 ft. 20°. A clambering, semi-climbing shrub covered all summer with lovely clear azure-blue flowers. Placed in a corner or against a sunny wall, it will fill the space quickly, so give it plenty of room, and if you are in a hurry for results, Plumbago will fill the bill. Full sun. Gal. tins, 90c; 5-gal. tins, \$3.00.

Carnation-Flowered

Punica granatum Dwarf. S198. "Carnation-Flowered Pomegranate." 3-4 ft. 10°. Quantities of exceedingly brilliant scarlet carnations, full and double, borne on bushes; how would you like to have plants that will provide such blooms? It's easy—you'll have it in this much improved new dwarf Pomegranate, with its fresh, bronzy-green summer foliage, bright colored flowers and small showy crimson fruits borne in the fall and winter. In colder sections loses most of its leaves for a very short time in the middle of winter. This is not the old type Dwarf Pomegranate usually sold, it's an entirely different plant which we first offered several years ago. Plant in full sun, coast or desert. See illustration in color at left. Gal. tins, 90c; 5-gal. tins, \$3.00.

Lemonade Berry

Rhus integrifolia. S209. "Lemonade Berry." 4-10 ft. 20°. For a thick bank of rich green, abundant, all-year foliage, this is difficult to equal. Grows easily anywhere with little care and no summer irrigation, although it doesn't object to some water. Has little pink flowers in spring. Responds to pruning readily and can be grown as a large 10-foot shrub, a low ground cover to 3 or 4 feet or can be grown espaliered against a wall. The pulp on the big red berries make a delightful lemonade-like drink. Gal. tins, 80c.

Rhus ovata. S210. "Sugar-Bush." 6-10 ft. 20°. A native California shrub with lovely all-year foliage. The 4-inch leaves are thick and leathery, shiny green, and in late summer and fall when many other foliage plants look a bit rusty because of the heat and dryness, the Sugar-Bush is fresher and brighter than ever. Small creamy flowers in April, followed by deep red berries with a sugary covering. Grows anywhere. Full sun. Any soil. Gal. tins, \$1.00; 5-gal. tins, \$3.00.

Jungle Queens

Rondeletia cordata. ST22B. 4-6 ft. 24°. From the luxuriant, little known jungles of southern Mexico, down on the border Guatemala way, comes a plant that will bring brilliant tropical color right into your garden because it grows beautifully here and makes the most magnificent clump of glossy, bright green foliage throughout the year. Covered in spring with big heads of richly colorful blooms as shown in color illustration below. The buds and flower tubes are deep reddish salmon, while the lovely flowers are flesh-pink with a yellow bearded throat. The plants we have are so beautiful and so full of flower buds that we get a lot of pleasure out of sending them out, and you'll get far more pleasure out of them for many years to come. Gal. tins, \$1.00; 5-gal. tins, \$3.00.

Rondeletia amoena. ST22A. 4-6 ft. 24°. Another lovely foliaged, brilliant flowered beauty from Central America, with slightly larger leaves than the above and somewhat smaller but even more vivid flowers. The flowers are rich pink with a yellow bearded throat. Both of these *Rondeletias*, while tropical plants, grow luxuriantly anywhere in the coastal and foothill regions of Southern California. Gal. tins, \$1.00; 5-gal. tins, \$3.00.

Please include on your order sheet both the name and code number of each variety ordered. This will help us to avoid errors in filling your order.

Flowers of *Rondeletia cordata*.



Berried Pyracanthas

The evergreen Hawthorns (or Firethorns) are exceeding valuable for their great wealth of bright-colored berries in the fall and winter, which remain on the plant for many months. Easily grown and hardy anywhere. There are many varieties of *Pyracanthas*, but after testing many kinds, we have selected the three varieties below as being the very best. Plant them all in full sun.

Pyracantha coccinea lalandi Fertile. S199. "Orange Firethorn." 6-8 ft. 0°. The most popular orange berried variety, growing more slender and erect than most others. On fire in the fall and winter with great masses of brilliant, lustrous, orange berries, larger and showier than any other in its color. Hardier than other *Pyracanthas*, growing over a wide range. Ours is a selected, improved type, fruiting younger and with bigger berries. Gal. tins, 80c; 5-gal. tins, \$2.75.

Pyracantha crenulata rogersiana. S201. "Rogers Firethorn." 6 ft. 5°. New and improved variety, with quantities of bright orange berries borne clear to the tip of every willow branch, thus making splendid cut sprays. When the plant is covered with its frothy, lacy, white bloom in May it is a magnificent sight and worth growing for that reason alone. It also seems to be immune to pear-blight, which occasionally attacks other *Pyracanthas*. Gal. tins, 80c; 5-gal. tins, \$2.75.

Graber's Giant Red

Pyracantha crenato-serrata Graber. S200. "Graber's Firethorn." 8-10 ft. 5°. Of all the red berried *Pyracanthas* that we have grown, this is the best, and it is superlative in almost every way. The plant is the largest and most vigorous of all, with larger, glossier foliage. The big, bright crimson berries are enormous, borne in clusters as big as your two fists and thickly covering the plant. A single plant, allowed to grow freely or trained flat against building or wall, is a spectacular sight in the fall and winter, and since the berries are at their best at Christmas-time, they make splendid Christmas decorations. Many small white flowers in spring. Give it plenty of room, because it will use it. Gal. tins, \$1.00; 5-gal. tins, \$3.00; 5-gal. tins, espalier form, \$7.50.

Miniature Orchid

Malpighia coccigera. ST21A. "Holly Malpighia." 2 ft. 26°. Dainty little dark green holly-like leaves $\frac{1}{2}$ to $\frac{3}{4}$ inch long. Covered in late summer and fall with little pink and white frilled blooms which in their delightfully dainty and bizarre form and rich colorings resemble the most beautiful tiny orchids. Shade or semi-shade. Plenty moisture. Use peat moss or leaf mold in planting soil. Gal. tins, \$1.50.

Picturesque Evergreen Pear

Pyrus kawakami. S202. "Evergreen Pear." 8-12 ft. 15°. Only now has sufficient stock of this extremely unusual and lovely large shrub or small tree been available in California to offer generally. Fresh, luxuriant Pear foliage which amazingly enough does not drop in the winter and is much better looking than any Pear foliage you have ever seen. In the spring the foliage is almost obscured by masses of fragrant white flowers, making the plant one of the most beautiful sights imaginable. May be grown according to needs as a picturesque small tree, large shrub or espaliered against wall or fence. Gal. tins, \$1.00; 5-gal. tins, \$7.50; tree shape specimens, 5-gal. tins, \$5.00.

Pink Indian Hawthorn

Raphiolepis indica rosea. S204. "Pink Indian Hawthorn." 3-5 ft. 15°. One of the finest of the medium sized flowering shrubs for California, requiring no pruning, becoming as wide as it is high, and covered in early summer with the most magnificent large 6-inch panicles of half-inch pink flowers like the loveliest of apple blossoms, sweetly fragrant. Its foliage is extremely handsome and the flowers are followed by interesting clusters of blue-black berries. Plant it where close-up beauty will be appreciated. Ours are cutting-grown plants from selected, large flowered, deeply colored specimens. Ordinary seedlings, while they may be sold under this name, will never even approach them in beauty. 5-gal. tins, \$3.50.

Coffee Berry

Rhamnus californica. S204A. "Coffee Berry." 4-6 ft. 10°. A native California shrub, medium sized, rounded, densely clothed right down to the ground with dark green, 3-inch leaves. Has dull red coffee-like berries. A splendid plant for use in any soil in almost any location where you want a thick, dense, low background along property lines, or in out of the way corners where you don't want to spend too much effort in looking after the plants, but where you'll have a good looking background all the time. Sun or part shade. Gal. tins, \$1.00; 5-gal. tins, \$3.00.

Rhamnus californica crassifolia. S205. "Thick-leaf Coffee Berry." 4-6 ft. 10°. Quite similar to above but the leaves are broader, larger and thicker. It will grow in any kind of soil under any conditions and always makes a nice looking background shrub. Berries are first red, then black. Gal. tins, \$1.25; 5-gal. tins, \$3.50.

Rhamnus crocea ilicifolia. S206. "Hollyleaf Redberry." 5-10 ft. 10°. A larger shrub than either of the above, with bigger, holly-like, more luxuriant foliage and bigger red berries. Full sun. Gal. tins, \$1.00.

Armstrong Flowering Shrubs

Catalina Currant

Ribes viburnifolium. S212. "Catalina Currant." 2-3 ft. 15°. A spreading half-trailing little shrub from Catalina Island, with small, dark green, glossy leaves and wine red stems, producing many small, deep maroon colored flowers in the spring, followed by red berries. Excellent for trailing on slopes or for hanging over a wall. Grows anywhere in sun or shade near the coast, but prefers a slightly sheltered position in hot inland locations. Needs little water. Gal. tins, \$1.00.

Ribes speciosum. S211. "Fuchsia-Flowered Gooseberry." 6-8 ft. 15°. California native, with fine, glossy, gooseberry-like foliage, every branch strung in January and February with pendulous, bright red flowers with long red stamens which turn into red gooseberries later on. The foliage is exceedingly fresh and luxuriant throughout the fall and winter. Loses some of its leaves in hot part of summer. One of the finest of native California plants. Full sun along coast, half-shade inland. Gal. tins, \$1.00; 5-gal. tins, \$3.00.

Giant Matilija Poppy

Romneya White Cloud. S213. "Improved Matilija Poppy." 6 ft. 10°. The California Matilija Poppy has long been one of the most popular of native plants. This new hybrid is a great improvement over the ordinary *Romneya*, larger and more beautiful both in flower and foliage. The 8-inch blooms, snowy white, with the texture of crinkly white crepe paper, are graceful in spite of their enormous size and are held on the ends of 5 to 6 foot stems, which are thickly clothed with handsome, big, blue-grey, 5-inch leaves right down to the ground. Makes a wide-spreading, many-stemmed clump which is quite hardy, and even if frozen down will come up quickly again in the spring. The big blooms are magnificent when cut. Grows anywhere in full sun. Gal. tins, \$1.25; 5-gal. tins, \$3.50.

Rosemary

Rosmarinus officinalis. S216. "Rosemary." 3 ft. 0°. A delightful plant for the garden, not only for its fragrance but for the soothing beauty of its gray-green foliage and little light lavender blooms. Gal. tins, 80c.

Rosmarinus officinalis Prostrate. S216A. "Prostrate Rosemary." 0°. A delightful little, spreading, creeping form of the Rosemary, with slightly smaller foliage, which becomes 2 or 3 feet across but never gets over 8 inches high. It has the same delightful fragrance, lavender blooms and cool gray-green foliage. Gal. tins, 80c.

The Showy Ruellia

Ruellia macrantha. ST22C. 3-4 ft. 25°. One of the showiest and most ever-blooming of flowering shrubs for a mild climate, producing freely all over the spreading large foliaged plant big, dark lavender, funnel-shaped flowers almost the entire year, even through the winter. Partial shade or sheltered position. Gal. tins, 80c.

Colorful Salvias

Salvia leucantha. S217. A 2-foot sub-shrub, sending up in the late summer and fall many spikes of woolly, violet-purple and white flowers. Colorful both in the garden and for bowl arrangements. Full sun. Cut back once a year in winter. Gal. tins, 70c.

Salvia mexicana. S218. 4-6 ft. Tall, fast-growing, bearing many deep blue flowers in late winter. Full sun. Gal. tins, 70c.

Please include on your order sheet both the name and code number of each variety ordered. This will help us to avoid errors in filling your order.

Australian Bluebell

Sollya heterophylla. S220. "Australian Bluebell Creeper." 1 ft. 22°. A trailing shrub with many slender twining stems. Splendid for covering banks, low fences, stumps and other objects. Brilliant blue, small, bell-shaped flowers. Gal. tins, 80c.

Spanish Broom

Spartium junceum. S221. "Big Yellow Spanish Broom." 10 ft. 10°. Fast-growing with many slender, bright-green branches almost devoid of leaves. Bears almost continually, large pea-like, bright yellow flowers, sweetly scented. Thrives equally well in the salt spray of the seashore or the hot sun of the desert. Gal. tins, 70c.

Mexican Mallow

Sphaeralcea umbellata. S222. "Mexican Mallow." 4-6 ft. 19°. It grows fast, with big luxuriant leaves, and in February starts producing many big, bright crimson, cup-shaped flowers, 2 inches across, with a white splash at the base of the petals. Throughout the entire late winter, spring and summer it never stops blooming and in September is going as strong as ever. The hotter the weather the better it likes it, and since it is a native of the desert regions of Puebla, in Mexico, you can go away and forget to water it for six weeks and it doesn't mind it at all. Gal. tins, 80c; 5-gal. tins, \$2.75.

Bright Yellow Trumpets

Stenolobium stans angustatum. S223. "Hardy Yellow Trumpet." 8 ft. 22°. Erect stems, heavily clothed with big, shiny cut leaves. Clusters of big 2-inch trumpet-shaped, brilliant yellow flowers in late winter and early spring which make a brilliant splash of color. Fast growing. Full sun. Gal. tins, 90c; 5-gal. tins, \$3.00.



Flowers of Matilija Poppy White Cloud. These giant white flowers are 8 inches across. This giant poppy is a hybrid between two native poppies, and has much larger flowers, and bigger, better looking foliage than either of its parents. The blooms make wonderful cut flowers. The plant grows easily in almost any western climate.

Sea-Coast Beauty

Solanum rantonneti Deep Blue. S219. 6 ft. 25°. In the mild coastal regions this bushy, rounded, medium sized shrub is covered with its one-inch violet blue flowers almost every day in the year, and it is a splendid shrub is covered with its one-inch violet blue flowers type of this splendid shrub with flowers almost twice as large as the normal kind, a much deeper, richer blue in color. Seedlings commonly sold by others are often a very pale washed-out color. Gal. tins, 80c.

Autumn Color

Stranvaesia davidiana. S224. 6-12 ft. 0°. A splendid large Chinese shrub with glossy dark green, 4-inch leaves which assume in the winter many brilliant hues from purple-bronze to red and orange, although they do not drop. Then follow great quantities of brilliant fruit like little red apples and in the spring a profusion of handsome white flowers. It presents a colorful and interesting picture during every season of the year. While it thrives almost anywhere in California, it is most luxuriant in cold-wintered sections of California and other Pacific Coast regions. Gal. tins, 90c.

Bird-of-Paradise

Strelitzia reginae. ST23. "Bird-of-Paradise." 2-4 ft. 24°. The exotic, showy flowers of this striking plant, which resemble the crested head of a tropical bird, gorgeously hued in brilliant orange and bright blue are among California's most magnificent blooms. The 3-foot flower stems come from the base of the plant, which has wide, stiff, evergreen leaves somewhat like small banana leaves. Blooms in winter and spring. Full sun on coast, part shade inland. See illustration in upper right-hand corner of next page. The larger sizes listed here will have already had blooms or will give them to you during the first year after planting. Gal. tins, \$2.00; 5-gal. tins, \$5.00; tubbed specimens, \$10.00.

Brilliant Orange

Streptosolen jamesoni. ST24. 3 ft. 28°. Few plants will provide as much brilliant orange color throughout most of the year. Likes the sea coast, full sun, good drainage but plenty of moisture. Gal. tins, 90c.

Syzgium jambos, the Rose-Apple, is listed with the fruiting plants on page 7, but it is one of the most beautiful of large ornamental shrubs as well.

Mexican Mallow
Rich crimson



African Red Spurs

Strophanthus speciosus. ST25. "South African Red Spurs." 28°. An interesting clambering low shrub with very showy flowers, orange spotted with red, each flower with a unique 1½-inch spur on it. Sun or semi-shade. Gal. tins, \$1.00.

Cape Honeysuckle

Tecomaria capensis. V43. "Cape Honeysuckle." 22°. May be trained as a half-climber. A splendid mass of dark green foliage, dense and compact, with clusters of bright red, tubular flowers like scarlet honeysuckle in fall and winter when other flowers are scarce. The foliage is fresh and green all year and its bright cheerful red flowers appear at a time when other color is scarce. Gal. tins, 90c; 5-gal. tins, \$3.00.

Giraffes Browse On It

Tecomaria shirensis. S227. 6-8 ft. 22°. We introduced this beautiful flowering shrub two years ago from Nyassaland in northeastern Africa, where the giraffes and the elephants roam. An upright plant with slender, arching branches, large, bright green leaves, producing in late winter and spring, big, 2-inch flowers in a most brilliant flaming shade of orange. The fiery, glowing blooms are borne in large clusters of 15 to 20 and look like glorified tropical honeysuckles. Full sun. Gal. tins, 90c; 5-gal. tins, \$3.00.

Stenobium carries 2-foot spikes of these brilliant yellow 2-inch trumpets in late winter and early spring.

Silver and Blue

Teucrium fruticans. S228. "Silver and Blue Germander." 3 ft. 10°. One of those useful little plants that grow under any soil or climatic conditions, its handsome blue-gray foliage making a good background for the little light blue flowers which are borne in great profusion during the summer. Particularly good for dry, rocky places. Full sun. Gal. tins, 80c.

Golden Star Shower

Thryallis glauca. ST26. "Goldshower Thryallis." 4 ft. 24°. A plant that we consider just about perfect for the average California garden because it grows easily under all conditions of soil and climate, stands the heat, dry soil and several degrees of frost, is attractive in appearance, with long, light green, 2-inch leaves, and from July to January is covered with little star-shaped bright yellow blooms in many flowered panicles, each flower one-fourth of an inch across. They look like the little golden stars used by teachers to reward their pupils for attendance and good behavior. Gal. tins, 80c; 5-gal. tins, \$2.75.

Orange Ground Cover

Thunbergia gibsoni. V44. "Orange Clock Vine." It's a rambling shrub that just wanders off from where you plant it, rambling along, and if it finds a stump, rock or fence in its path, it'll just climb right over them. All through the year it bears lovely golden orange trumpet-shaped flowers, 1½ to 2 inches across. Best near coast. Sun. Gal. tins, 90c.



The orange and blue flower of Bird of Paradise.

To save rubber, visit the Armstrong Display Yard nearest you. Our home Display Yard is at Ontario, 408 North Euclid Ave.; North Hollywood Branch at 12908 Magnolia Blvd.; and our Culver City Branch at 4440 Sepulveda Blvd. No other branches or agents.

The Princess Flower

Tibouchina semidecandra grandiflora. ST27. "Princess Flower." 6 ft. 27°. An improved, large-flowered form of this colorful plant with soft, velvety, bronze-green foliage and quantities of glorious 4-inch royal purple flowers, borne almost eight months in the year. Needs a sheltered location away from wind, and extremely good drainage. Gal. tins, 90c; 5-gal. tins, \$3.00.

Star Bush

Turraea obtusifolia. ST28. "South African Star Bush." 3 ft. 26°. One of the most satisfactory small flowering garden shrubs. It makes a compact, handsomely foliaged small plant, carrying most of the summer many star-shaped Jasmine-like pure white flowers, 1½ to 2 inches across. It stands plenty of heat and will grow in either full sun or part shade. In the summer it is a mass of blooms from July to November, every branch looking like the one illustrated on the next page. Gal. tins, \$1.00; 5-gal. tins, \$3.00.

Chinese Snowball

Viburnum macrocephalum. S233. "Giant Chinese Snowball." 5-6 ft. 0°. A gorgeous Oriental Snowball, with big flower heads, 6 to 9 inches across, snowy white, nestled against the dense 4-inch oval leaves in May and June. Ordinary Snowballs lose their leaves in the winter. This one is evergreen except in the very coldest locations, where it may lose a part of its leaves. It is lavish with those great big snowballs and makes a spectacular sight in the garden. Full sun near coast, half-shade inland. 5-gal. tins, \$4.00.

Viburnum tinus. S237. "Laurustinus." 6-8 ft. 10°. The rounded plant is covered with many fragrant, white, rose-tinted flower clusters in early winter. It must have full sun all year long. Gal. tins, 70c.

Sweet Viburnum

Viburnum burkwoodi. S230. "Gardenia-Scented Viburnum." 4 ft. Zero. In the very early spring the end of every branch on this handsome shrub bears a large 3-inch head of the most delightful waxy white, pink-flushed flower clusters, intensely sweet with Gardenia-like fragrance. Throughout the summer it has exceedingly beautiful, shiny foliage which in colder climates turns a bright color in the fall. Becomes 5 or 6 feet across when fully developed. Light shade. Gal. tins, \$1.00; 5-gal. tins, \$3.00.

Viburnum odoratissimum. S234. "Sweet Viburnum." 6-8 ft. 10°. If we were to select the one best permanent evergreen shrub for shade or semi-shade in California, we believe it would have to be this beautiful plant from China, with its big, long, 6-inch shining foliage and its fragrant, white, 4-inch flower panicles, which possess a most delightful fragrance. Following the flowers appear red berries. Best in shade or part shade but grows in sun as well. Likes plenty of moisture. Gal. tins, 90c; 5-gal. tins, \$3.00; tubs, \$4.50.

Viburnum suspensum. S236. 8 ft. 15°. A luxuriant mass of shiny dark green leaves. One of the most popular of large foundation shrubs for California plantings. Fragrant, white, rose-scented flowers in winter. Best in light shade. Gal. tins, 80c; 5-gal. tins, \$2.75.

Perfect Foliage

Xylosma senticosa. S239. "Shiny Xylosma." 5 ft. 12°. We will have to state that this little known Chinese plant is the finest foliage plant for sunny positions in Southern California, for certainly nothing has surpassed it in our experimental garden. Every day in the year the shiny green foliage is handsome enough to draw admiration. Graceful, luxuriant, it needs no pruning to keep it in shape, is not particular about soil or water and extreme temperatures of 110°, and 17°, affect it not in the least. What a plant! Gal. tins, 90c; 5-gal. tins, \$3.00.



Hardy Ferns

You can transform a cool, shady bed into a luxuriant fern glen by planting in it a few easily grown, hardy ferns. Use leaf mold or peat moss in planting.

All varieties below: Gal. tins, 90c.

Maidenhair Fern (Adiantum), F1. Well known delicate lacy favorite, 12-18 inches

Cyrtomium falcatum, F3. "Large-Leaved Holly Fern." Shiny dark green broad-leaved fronds 18 inches long.

Dryopteris dentata, F4. "Downy Wood Fern." Fronds 3 feet long and 1 foot wide.

Dryopteris hirtepes, F5. Long, feathery, 18-inch fronds, graceful and arching.

Pellaea viridis, F6. "Green Cliffbrake." Handsome, much divided fronds, 2 feet long.

Polystichum adiantiforme, F7. Fronds triangular, 2 feet long and 8 inches wide.

Pteris cretica Wimsett, F9A. Narrow finger-like leaflets, 5 to 7 inches long. Eighteen inches high.

Pteris tremula, F12. "Australian Brake Fern." Long, feathery, slender, bright green fronds, 2 to 3 feet long.

We often have other varieties of hardy ferns in stock in addition to the above kinds. If you are not particular as to what varieties you want and just want a good selection of hardy ferns for your fern bed, order Hardy Ferns Assorted and we will select a nicely assorted group for you.



Goldshower Thryallis shines out with hundreds of little golden star-like flowers throughout summer and fall. See preceding page.

Quantity Discount. If you order 10 or more of one variety of evergreen ornamental or if you order a total of 50 or more assorted ornamental trees or plants, you are entitled to take a discount of 10% from the listed each price on each ornamental so included. Root divisions, plants in flats or in 2 1/4-inch pots should not be counted in figuring these discounts.



South African Star Bush has flowers like this from July to November all over the plant. See preceding page.

Armstrong Palms, Bamboos and Grasses

Queen Palm

Arecastrum romanzoffianum, M1. (Cocos plumosa.) "Queen Palm." 17°. Southern California's favorite Palm is the Queen Palm, with a tall, slender, smooth trunk topped with a plume-like crown of feathery, graceful leaves. The roots accommodate themselves to surprisingly small spaces and when once established they need very little water. For parkways, patios, and lawn plantings the Queen Palm lends an informal yet dignified tropical appearance. Balled, 5-6 ft., \$7.00; 6-8 ft., \$9.00; 8-10 ft., \$12.50; 10-12 ft., \$17.50; 12 ft. up, \$25.00.

Fan Palms

Washingtonia filifera, M4A. "California Fan Palm." 30-50 ft. 10°. Native to our California deserts, the Washingtonias are fitting permanent memorials to the father of our country. Hairy fan-shaped leaves and a tall sturdy trunk. 5-gal. tins, \$3.50; balled, 4-5 ft., \$6.00; 5-6 ft., \$8.50; 6-8 ft., \$12.50; 8-10 ft., \$17.50.

Washingtonia robusta, M5. "Mexican Fan Palm." 50-100 ft. 12°. Similar to W. filifera, but the trunk is much taller and more slender. 5-gal. tins, \$3.50; balled, 5-6 ft., \$8.50; 8-10 ft., \$17.50.

Butia capitata, M1B. "Pindo Palm." 10-15 ft. 10°. Stout fan-like short-trunked, with arching graceful leaves of powdery blue. The fruit is good to eat, something like a loquat. Balled, 1 1/2-2 ft., \$3.00; 4-5 ft., \$10.00.

Chamaerops humilis M1D. 6 ft. 15°. The short trunk is soon hidden in a mass of leafy suckers, making a miniature thicket. 5-gal. tins, \$4.00.

Erythea armata, M2A. "Blue Palm" 10-20 ft. 15°. Lovely steel-blue fan-like leaves. Balled, 3-4 ft., \$7.50; 4-5 ft., \$10.00.

Erythea edulis, M2B. "Guadalupe Palm." 25 ft. 15°. A sturdy small Fan Palm with large, long-lived rich green leaves. Stands ocean winds well, thrives anywhere. Balled, 4-5 ft., \$10.00; 5-6 ft., \$12.50; specimens in 16-inch boxes, \$17.50.

Date Palm

Phoenix canariensis, M4. "Ornamental Date Palm." 10°. Its dense, immense crown of beautiful curving leaves, each 15 feet long, of a pleasing dark green color, and its stately and rapid growth under all conditions, combine to make it an ideal Palm for street, park and lawn, from seacoast to desert. Gal. tins, \$1.00; 5-gal. tins, \$3.00; balled 4-5 ft., \$10.00.

Windmill Palm

Trachycarpus fortunei, M4B. "Windmill Palm." 10-40 ft. Tall, slender, hairy trunk, with graceful head of 3-foot fan leaves on top. Gal. tins, \$1.00.

Graceful Bamboos

The Bamboos grow easily in almost every location and their noble clumps of graceful stems, make them indispensable for certain landscape effects.

Bambusa multiplex distichum, M1J. "Dwarf Fern-leaved Bamboo." 8 ft. 15°. A dwarf variety with finely-divided fern-like leaves. 5-gal. tins, \$3.00.

Dendrocalamus latiflorus, M1F. "Giant Bamboo." 40-60 ft. 18°. Makes an enormous clump with great rapidity when once established. 5-gal. tins, \$3.00.

Phyllostachys bambusoides, M3C. "Giant Timber Bamboo." 20-40 ft. 15°. Tall and fast growing. 5-gal. tins, \$3.00.

Pampas Grass

Cortaderia selloana, M2. "Pampas Grass." 6 ft. Handsome big clump of long, arching, grass-like leaves, surmounted by great silvery white plumes. Ours has a superior fluffily, silvery white plume, better than the ordinary type. Gal. tins, 90c; 5-gal. tins, \$3.00.

Dracena

Cordylina australis, M1E. "Giant Dracena." 8-20 ft. Sword-shaped arching leaves borne in a cluster at the top of the tall, slender trunk. Grows easily anywhere. Gal. tins, \$1.00; balled, 6-8 ft., \$10.00.

New Zealand Flax

Phormium tenax Veitchi, M4C. "New Zealand Flax." 4-6 ft. Long, rigid, ribbonlike leaves, marked with creamy-white stripes on a green ground. The reddish purple flower stalks borne occasionally become 10 feet high. The leaves are often used in dainty bowl arrangements. Gal. tins, \$1.00; 5-gal. tins, \$3.00.

Mondo jaburan Gold Stripe, M3. "Lilyturi." 1 1/2-2 ft. A low, thick clump of narrow green leaves striped with gold. Spikes of beautiful blue flowers like grape hyacinths in spring. 3-inch pots, 60c.

The graceful Queen Palm



Armstrong Vines

You will find offered here not only the hardy vines of the colder climates which thrive in California but many brilliant flowering vines of the Tropics. The minimum temperature given after the name is approximate only to give some idea of the hardiness. All vines evergreen unless otherwise stated.

All vines listed here can be shipped and planted at any time during the year unless otherwise specified in the description. Gal. tins weigh 10 lbs., 5-gal. tins 50 lbs. each, packed. For shipping costs see page 42.

Blue-Berry Climber

Ampelopsis brevipedunculata. V2. "Blue-Berry Climber." Below zero. Big, handsome, three-pointed, five-inch leaves will thickly cover wall or arbor, and in late summer or fall the vine is brilliant with many clusters of the most beautiful shining metallic blue berries which make wonderful decorative material when cut. Can be grown in sun or shade in almost any climate. It has the most beautiful ornamental berries of any vine that we grow. Leafless in winter. Gal. tins, \$1.00 each.

Bougainvilleas

Bougainvillea spectabilis. VTOA. "Purple Bougainvillea." 20°. The hardiest of the Bougainvilleas, bearing a mass of brilliant reddish-purple flowers against a background of bright green leaves. Easily grown, but needs sun. Gal. tins, \$1.25; 5-gal. tins, \$3.50.

Bougainvillea spectabilis Crimson Lake. VT1. 26°. Just as vigorous in growth as the above but immensely different in the color of the flowers, which are brilliant crimson. Fairly tender, full sun. Particularly fine on the seacoast in Southern California but splendid in milder interior sections as well. Gal. tins, \$1.25; 5-gal. tins, \$3.50.

Bougainvillea spectabilis praetorius. VT2. "Bronze Bougainvillea." 26°. The most unusual of the Bougainvilleas because of the beautiful color of its bronzy gold flowers which change at times to apricot or orange-yellow. Best near seacoast or in frostless areas. Gal. tins, \$1.25; 5-gal. tins, \$3.50.

Orange-Red Trumpet

Campsis tagliabuana Mme. Galen. V7. (*Tecoma grandiflora*.) "Orange-Red Trumpet Vine." Zero. The most floriferous and gorgeous of all Trumpet Vines, with great clusters of very large brilliant scarlet-orange flowers, borne in great profusion in spring and early summer. Perfectly hardy anywhere. See illustration at right. Bare root during January, February and March, \$2.00; 5-gal. tins, \$3.50.

Evergreen Grape

Cissus capensis. V7A. "Evergreen Grape." 24°. One of the most luxuriant, picturesque and daintily foliaged of all vines for rambling over a large space is this wild grape vine, with its all-year foliage and reddish black edible fruits in the summer which make some of the most delicious jelly you have ever tasted. Sun or part shade. Gal. tins, 90c; 5-gal. tins, \$3.00.



Orange-Red Trumpet Vine



Sky-Flower (See Page 63)

Rosa de Montana

Antigonon leptopus. V4. "Rosa de Montana." "Queen's Wreath." 10°. This magnificent flowering vine from Mexico thrives almost anywhere in Southern California, including the milder desert sections, grows very rapidly to 20 or 30 feet, and from early spring to late autumn is a mass of bright rose-pink heart-shaped flowers. Dies down in winter. Plants available March 1 to December 1. Gal. tins, \$1.00.

Hibbertia
(See Next Page)

Distictis Rivers "Royal Trumpet Vine"
(reduced in size).



Armstrong Flowering Vines

Yellow Trumpet Vine

Doxantha unguis-cati, V15. (*Bignonia Tweediana*.) "Catclaw Yellow Trumpet." Zero. Large, brilliant yellow trumpet flowers 3 inches long, 4 inches across. The long, slender shoots cling to any surface (that's the reason for the name), making a dense mat of foliage. Excellent for the desert or anywhere else. Best in sun. Gal. tins, 90c; 5-gal. tins, \$3.00.

Clings to Any Surface

Ficus pumila, V16. "Creeping Fig." 15". The best evergreen vine for covering stone, brick or wood, making a close mat of small heart-shaped dark green leaves which cling closely to any surface. Thrives anywhere in California. Sun or part shade. Gal. tins, 90c.

All vines listed here can be shipped and planted at any time during the year unless otherwise specified in the description. Gal. tins weigh 10 lbs., 5-gal. tins, 50 lbs. each, packed. For shipping costs see page 42.

Showers of Gold

Gaudichaudia mucronata, VT3. "Gilded Fairy Vine." 28". A beautiful and rare climber from the high Mexican mountains which has fascinated us by its beauty and charm. Fast growing, with graceful, small foliage, it becomes covered in the fall months with sprays of lovely little 1½-inch, brilliant yellow blooms which cascade down over the plant in rippling masses. When the sun shines on the flowers they have a peculiar glittering effect as though they had been sprinkled with gold dust. It does well under average garden conditions here in Southern California. Sun or semi-shade. Gal. tins, \$1.50.

Carolina Jessamine

Gelsemium sempervirens, V17. "Carolina Jessamine." 12". A slender twining vine, rapid growing and hardy, covered in spring with golden-yellow, fragrant, bell-shaped flowers. Splendid for framing a small arch, gateway or low fence, where moderate size is desired. Probably the best yellow flowering vine where modest size is desired, for it grows well in all climates and soils and always is a cheerful mass of color in spring. Gal. tins, 90c; 5-gal. tins, \$3.00.

Dainty Hardenbergia

Hardenbergia bimaculata, V17A. 20". Nothing like it! Among all blue flowering vines, this is a favorite. A vine which finds a way up and around a fence or trellis. We believe any object would be glad to lend support to this dainty vine with its broad green foliage and 6-inch racemes of violet-blue, pea-shaped flowers in late winter. A moderate grower. Gal. tins, 90c.

Golden Hibbertia

Hibbertia volubilis, V21. "Guinea Gold Vine." Its flexible twining branches grow rapidly to 8 or 10 feet, clothed quite densely with handsome, heavy textured, dark green foliage against which are borne for many weeks in summer quantities of brilliant yellow flowers of the size shown on preceding page. Probably the best evergreen, yellow-flowered climber that we offer. Sun or part-shade. Gal. tins, \$1.00; 5-gal. tins, \$3.00.

Evergreen Ivies

Hedera canariensis, V19. "Algerian Ivy." 10". We like it better than English Ivy because it grows faster and has bigger and brighter green leaves 6 inches across. Gal. tins, 90c; 5-gal. tins, \$3.00.

Hedera canariensis Yellowedge, V20. 10". Beautiful big leaves handsomely blotched with light green, dark green, and creamy yellow. Shade or semi-shade. Gal. tins, 90c; 5-gal. tins, \$3.00.

Hedera helix, V20A. "English Ivy." 10". Excellent wall or bank covering in sun or shade. Gal. tins, 90c; flats of 100 plants, \$5.00.

The Fragrant Jasmines

Jasminum dichotomum, V22. "Goldcoast Jasmine." 15". A real gem among the Jasmines is this lovely African species with the big, glossy, handsome foliage, rapid growth and exceedingly fragrant white blooms. The snowy white flowers at the end of their long tubes are about one inch across. It has everything that you would expect a beautiful climbing Jasmine to have. Gal. tins, 90c.

Jasminum officinale grandiflorum, V24. "Spanish Jasmine." 10". Extremely vigorous, rapid growing, resistant to heat and very hardy. The large pure white flowers are extremely fragrant, this variety producing the essence which forms the basis of the world's finest perfumes. Thrives from coast to coast. Gal. tins, 90c; 5-gal. tins, \$3.00.

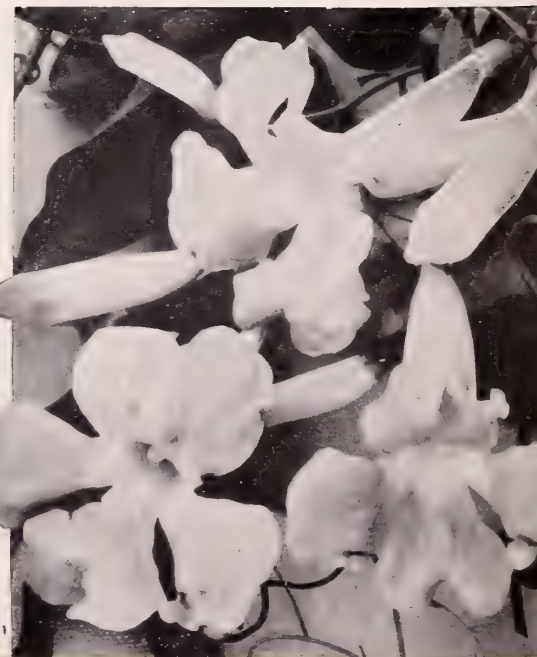
Jasminum multiflorum, V23A. "Pinwheel Jasmine." 15". Slender twining stems and fragrant white flowers, one inch across, shaped like a little pinwheel and borne in clusters all over the plant during the entire summer. Shade or sun. Perfectly hardy almost anywhere in California. Gal. tins, 90c.

Jasminum mesnyi (*J. primulinum*), V23. "Primrose Jasmine." Zero. A fine winter blooming yellow-flowered Jasmine with long pendulous green branches which may be trained along a fence, over a pergola or as a big shrub. Flowers almost 2 inches across, only slightly fragrant. Gal. tins, 90c; 5-gal. tins, \$3.00.

Hall's Honeysuckle

Lonicera japonica halliana, V28. "Hall's Honeysuckle." Zero. Delightfully fragrant, white flowers, changing to yellow. It thrives equally on coast or desert, in sun or shade. For rapid growth, dense foliage, and quantities of fragrant flowers this Honeysuckle is unexcelled and it grows easily anywhere. Gal. tins, 90c; flats of 100 small plants, \$5.00.

Vanilla Scented Trumpet Vine (*Distictis lactiflora*)



The flowers of the Flame Vine (*Pyrostegia ignea*) are vivid orange-scarlet in color. See opposite page.

Glossy Winter Foliage

Cissus hypoglauca, V8. "Glossy Leaved Creeper." 20". An informal rambling creeper or climber which will spread over any kind of an object in a short time. We like it because of its handsome shiny evergreen foliage, which looks as though it had been polished and is just as beautiful in the middle of winter as in the spring. One of the most beautiful foliage vines that we grow. Gal. tins, 90c; 5-gal. tins, \$3.00.

Large Flowered Clematis

Clematis jackmani, V10. "Purple Clematis." Zero. The showy, large-flowered Clematis with the big, bright purple flowers which are so highly prized in the East and Middle West. They do not thrive quite so well in California, but can easily be grown if desired. The top should be cut off at the ground during winter and allowed to start over in the spring. Part shade. Gal. tins, \$1.50.

Violet Trumpet Vine

Clytostoma callistegioides, V12. "Violet Trumpet Vine." 18". Lovely large glossy foliage, covered with lovely big flowers of delicate violet in late winter and early spring. The delicate beauty of its flowers and the luxuriant, dark green foliage makes it one of California's most beautiful vines. It will clamber over fence, wall, building, or over a shrub or tree if you want it to. Sun or shade. Gal. tins, 90c; 5-gal. tins, \$3.00.

A Lavender Beauty

Distictis lactiflora, V13. "Vanilla Scented Trumpet Vine." 20". This is one of the finest of all vines for the milder regions of California, making a dense mass of deep green foliage, covered almost all spring, summer and fall with big trumpet-shaped flowers 3½ inches across, purple when they open, lightening to various lovely shades of lavender as they age. Blooms almost eight months in the year and the flowers are delightfully vanilla-scented. Gal. tins, \$1.25; 5-gal. tins, \$3.50.

Royal Trumpet Vine

Distictis Rivers, V14. "Royal Trumpet Vine." 20". See illustration, page 61. A more rampant climber than the Vanilla Scented Trumpet Vine above. This new hybrid has an abundance of big glossy leaves, handsome all through the year. Almost every day in the year you can see on it clusters of long, flaring trumpets, almost 6 inches in length, the tube of the trumpet a brilliant yellow, and the open face a gorgeous royal purple which changes as the flowers age to rich shades of violet and lilac, always with a vivid orange color in the throat. Its brilliancy is breath-taking, and it's fragrant too. The size of the flower will startle you. Full sun. Plant Pat. No. 554. Gal. tins, \$1.25; 5-gal. tins, \$3.50.

Scarlet Woodbine

Lonicera sempervirens Scarlet. V29. "Scarlet Woodbine." Zero. The large, showy, orange-scarlet flowers have the brightest color in Honeysuckles. Easily grown anywhere. Does not get as dense in growth as Hall's Honeysuckle. The brilliant scarlet flowers attract much attention everywhere. Gal. tins, \$1.00.

Giant Burmese Honeysuckle

Lonicera hildebrandiana. V27. "Giant Burmese Honeysuckle." 20°. The giant of all the Honeysuckles, covering large spaces and with enormous flowers reaching the unbelievable dimensions of 7 inches, yellow, changing to orange, red and buff, most deliciously fragrant. Most plants offered of this rare Honeysuckle are grafted on other roots and will never be satisfactory because they "sucker" badly. Ours are cutting grown and will always remain true. Especially fine right on seacoast. See colored illustration on back cover. Sun. Gal. tins, \$1.50; 5-gal. tins, \$4.00.

Big Green Butterflies

Mascagnia macroptera. V32. "Green-Gold Vine." 18°. We could use a half column to express our admiration and enthusiasm for this lovely flowering vine from western Mexico. Against a background of handsome honeysuckle like foliage are borne all during the summer months sprays and clusters of brilliant, shining golden yellow flowers, about three-quarters of an inch across, followed by, and often side by side on the vine with, beautiful, big, 2-inch seedpods which look like chartrreuse colored (yellow green) butterflies of enormous size. These are lovely both on the vine and as cut decorative sprays for the house. Of medium size, likes fall sun, dry soil. Gal. tins, \$1.25; 5-gal. tins, \$3.50.

Ivory White Trumpets

Oxera pulchella. V33. "Ivory White Trumpet Vine." 25°. Possibly the loveliest of all white flowering vines. In the fall of the year it is a solid sheet of ivory-white trumpet shaped blooms, 2 inches long, 1 to 2 inches wide, so waxy and delicate in texture that you can hardly believe them real as they shine out against the handsome, dark glossy green foliage. Semi-shade. Best along coast or in sheltered foothill districts. Gal. tins, \$1.25; 5-gal. tins, \$3.50.

Boston Ivy

Parthenocissus tricuspidata veitchii. V34. (Ampelopsis veitchii.) "Small-Leaved Boston Ivy." Zero. A vine which clings to any surface unaided, and closely covers walls, chimneys and stonework with a soft mantle of green in the summer, turning to gorgeous reds and yellows in autumn, dropping in winter. Sun or shade. Gal. tins, 90c.

Passiflora edulis. FS34. "Passion Vine." Delicious fruiting vine. See page 8.

Blood Red Trumpet Vine

Phaederanthus buccinatorius. V36. (Bignonia cherere.) "Blood Red Trumpet Vine." 24°. A splendid evergreen climbing shrub which sends its heavy, dark green foliage everywhere, and all through the spring, summer and fall is covered with clusters of great blood-red, tubular flowers. It will climb over anything and will cover stone walls, fences, or buildings with a dense mantle of green in a short time. Almost everblooming. Full sun. See illustration in color on page 61. Gal. tins, \$1.00; 5-gal. tins, \$3.00.

Climbing Syringa

Philadelphus mexicanus. V37. "Climbing Syringa." 12°. Easily trained over a fence, up a wall and along the eaves or can be grown as a big, spreading, 6 to 8-foot shrub. Either way it is worthwhile for its great quantities of creamy white, double, 2-inch flowers, intensely fragrant in spring. Sun or half-shade. Gal. tins, 90c.

Silver Lace Vine

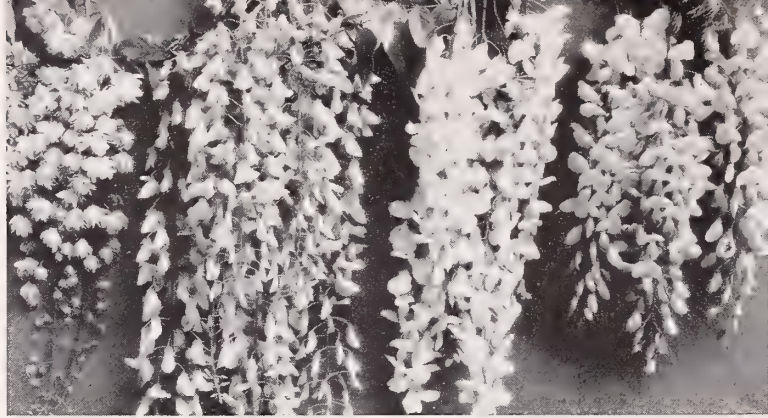
Polygonum auberti. V38. "Silver Lace Vine." Zero. A hardy, fast-growing, twining, deciduous vine, smothered with great clouds of small, white, fragrant flowers in panicles in late summer when flowers are scarce. Gal. tins, \$1.00.

The Flame Vine

Pyrostegia ignea. V40. "Flame Vine." 26°. For brilliancy of color and abundance of bloom, this magnificent vine is difficult to excel. Its handsome foliage is smothered with a brilliant mass of vivid flaming orange-scarlet flowers all through the winter. The top of the vine must be in full sun. Easily grown in the warmer sections of California. Gal. tins, \$1.25.

Cup of Gold

Solandra guttata. V41. "Cup of Gold." 26°. A tall, vigorous vine with big shiny leaves, and enormous trumpet-shaped, golden-yellow flowers 6 to 8 inches across and quite fragrant. A very showy, spectacular vine which needs plenty of room. Sun. Gal. tins, \$1.00; 5-gal. tins, \$3.00.



Left to Right Above: Flowers of Double Violet Wistaria, Long Cluster Wistaria, White Chinese Wistaria and Blue Chinese Wistaria. The Flower Clusters of the Long Cluster Wistaria Shown Above are Cut Short and are Actually About One-Third Longer in Proportion to the Others.

Corsage Vine

Stephanotis floribunda. VT4. "Fragrant Corsage Vine." 30°. Here is one of those rare and lovely vines you dream about. The snowy white, exquisite shaped blooms, waxy in texture, 1 to 2 inches long, and with a fragrance so delightful and permeating that it will fill the entire garden. The thick, 4-inch, glossy leaves are beautiful in themselves. Sun or shade. Plenty of moisture. Best along coast. Gal. tins, \$2.00 each.

The Blue Sky Flower

Thunbergia grandiflora. V45. "Sky-Flower." 26°. Of extremely rapid growth, with large heart-shaped leaves which overlap to make a dense covering, the individual 3-inch blossoms hanging in clusters over the plant, and with a color that is rare in vines, bright sky-blue. Even if frozen down, it comes up and blooms the same season. Usually blooms in fall, winter and spring. Semi-shade or morning sun. See illustration in color on page 61. Gal. tins, \$1.00; 5-gal. tins, \$3.00.

Thunbergia gibsoni. V44. More of a ground cover than a vine. See page 59.

The Star Jasmine

Trachelospermum jasminoides. (Rhy-chospermum.) V46. "Star Jasmine." 15°. From the Malay Peninsula comes this splendid vine, which will absolutely dominate the garden in spring and early summer by the marvelous perfume which its wafts on the air from a myriad little star-shaped white flowers like miniature pinwheels. Worth planting for one whiff of its delicate, delicious fragrance. The vine is strong growing but not rampant, with big, leathery, glossy leaves which make a dense mass, and it thrives equally well in full sun, shade or semi-shade. Hardy almost anywhere in California. Gal. tins, \$1.00; 5 gal. tins, \$3.00.

Cape Honeysuckle

Tecomaria capensis. V43. "Cape Honeysuckle." 22°. May be grown as a half climber or a large shrub. Has thick bright green foliage and clusters of bright red flowers like scarlet Honeysuckle in the fall and winter when other flowers are scarce. (But no fragrance like Honeysuckle.) Gal. tins, 90c each; 5-gal. tins, \$3.00.

Wistarias

Wistarias grow so rapidly everywhere and their long, pendulous flower clusters are so beautiful that they are one of the most popular of the spring flowering vines, but give them plenty of room. They really go places. Full sun. Leafless in winter. Prices on Wistarias. 2-yr. bare root (from Dec. to April), \$1.50. *Wistaria sinensis* also in 5-gal tins at \$3.50.

Wistaria sinensis. V50. "Chinese Wistaria." Zero. Probably the most popular of all the Wistarias is this variety, covered with its giant blue flower clusters before the leaves appear in the spring. Never fails to bloom.

W. sinensis alba. V51. "White Chinese Wistaria." Zero. Same as above but with white flowers and a honey-sweet fragrance.

W. violaceaplana. V52. "Double Chinese Wistaria." Zero. A Beautiful double flowering variety, with long, violet-blue flower clusters. Fragrant.

W. floribunda macrobotrys. V48. "Long Cluster Wistaria." Zero. Probably the most beautiful of all Wistarias because of the extreme length of its lilac flower racemes, which often measure over 2 feet. Blooms later than the Chinese but not so profusely.

W. floribunda macrobotrys rosea. V49. "Rose Long Cluster Wistaria." Zero. The long, slender racemes are light lavender-pink.

The Fragrant, Snowy White, Waxy Flowers of Stephanotis.



All America Winners



Each year most of the finest new rose varieties not yet on the market are entered for official test and competition in sixteen official All-America trial and demonstration gardens scattered from New England to California and from Iowa to the Gulf of Mexico. Fourteen of the ablest rose judges in America score these varieties on a uniform point basis; and at the end of a two-year period the scores are averaged and the top-scoring roses are then named as All-America Roses. They are the best of each year's new varieties. Three splendid roses scored high enough to be named as All-America Winners for 1945. They were Mirandy, Horace McFarland and Floradora—all described and illustrated on this page.

Mirandy—Top Winner for 1945



Mirandy. R58A. (Lammerts, introduced by Armstrong.) This new Armstrong rose creation is the first place winner of the country-wide All-America Rose Competition for 1945.

It is a gorgeous fragrant red rose that takes its place with the finest red roses of the world. The big ovoid buds, often long-pointed, are deep rich dark red with black shadings, opening to a lovely Chrysanthemum Red, exactly the rich glowing color that the perfect red rose should have.

The flower displays new beauties of form as the petals unfold, and eventually becomes a huge full bloom (50 petals), which lasts a long while. Strangely enough for a red rose, it is usually at its best in warm weather. As the flower ages it does not turn blue like so many reds, but becomes a gorgeous soft violet which enhances its beauty. The plant is strong, free-branching, with heavy stout stems, and keeps producing the glorious buds freely all season and is continuously covered with broad, dark green, heavy-textured foliage.

The fragrance of Mirandy is so full-bodied and delicious that we cannot find the adjectives to do it justice. All we can say is that when you dip your nose into the first beautiful big red bloom that appears in your garden and inhale deeply, you'll say, "Ah-h-h-h", with pleasurable amazement, for many will say that its wonderful, penetrating damask perfume is the finest rose fragrance they have ever inhaled.

Like every other rose, Mirandy has its faults too. Sometimes the blooms are so large and full that they hang their heads a little, and in cool foggy areas immediately adjacent to the Pacific Coast planters will have to give it a little extra attention to keep the rust away. But those faults are far outweighed by its extraordinary good qualities. Plant Pat. No. 632. \$2.50 each.

Floradora



Floradora. R29A. Call it cinnabar-red, orange-scarlet, scarlet-
vermillion—whichever sounds the most dazzling and attractive to you. Carried in sprays of from 6 to 12 blooms, each

slowly opening miniature bud is exquisitely formed, and the fully double, open flowers look like perfect little camellias, 2 inches across. Perfect for corsages and small bouquets. The tall, glossy-foliaged plants reach 3 feet with ease. No fragrance. If you leave the old blooms on too long, they will fade to a most disreputable color. But you'll probably want to cut them before they get to that stage to enjoy their beauty in the house. Plant Pat. pending. \$1.50 each.

Horace McFarland

All-America Collection

A rose that wins an All-America award must be more than good. When fourteen competent judges throughout the country score the roses high enough to win this honor in a two-year tough competition, the winner has to be one of the best in existence. All-America Rose Collection No. 12 includes five top All-America winners, all for \$7.75. See complete offer on page 67.

Floradora, the unique little 1945 All-America Rose, is a lot better in color and form than this illustration indicates. You'll be surprised.



Mirandy—the 1945 All-America Winner

Horace McFarland




Horace McFarland. R42A. (Mallerin.) One of the three 1945 All-America Rose Winners, and a good "solid" rose in every respect. The long-pointed, orange-pink buds, extraordinary for their length and beauty of form, brought a high score from the judges, and they'll bring a high score of approval in your garden too. In the bud the color is more orange than pink, and as the big, full, double flower opens it becomes a deep apricot-pink with lighter shades of salmon and coral-pink. The plant is tall, upright and vigorous, with long straight stems and broad leathery foliage. Only moderately fragrant. The heavy textured flowers keep a long while after cutting. Named after Dr. J. Horace McFarland of Harrisburg, Pennsylvania, the Dean of American Rosarians, who should be very proud of his long-budded namesake. Plant Pat. pending. \$2.00 each.



Armstrong's Finest

The new roses on this page, as well as Mirandy, the 1945 All-America Winner, shown on the opposite page, have been created through hybridization by the Armstrong Research Department, one of the foremost plant breeding projects in the world. Thousands of rose crosses are made, many new seedlings produced, and through painstaking selection, glorious new rose varieties, more beautiful in form and color than anything yet grown, are being created for your enjoyment. The beautiful Charlotte Armstrong, which has become famous the country over only four years after its introduction, is the outstanding Armstrong origination and one of the most beautiful of all roses.

Charlotte Armstrong, Queen of Them All

 **Charlotte Armstrong. R11.** (Lammerts, introduced by Armstrong.) The finest rose grown or sold by the Armstrong Nurseries in our 55 years of rose growing! That's what we think of this amazingly beautiful new Rose Charlotte Armstrong, which won the only All-America Rose Award in 1941, the year of its introduction, and since then has been awarded the famous John Cook Medal for "The Best New American Rose since 1935," the Fuerstenburg Prize for "The Best New Rose of American Origin," the Gold Medal of the City of Portland, Gold Medal of The American Rose Society and has just been awarded in October, 1944, the Gertrude Hubbard Gold Medal for the best new American Rose disseminated in the last 5 years.

Thousands of pleased planters throughout the country have told us how much they enjoy all those lovely long, streamlined buds and perfect open blooms of Charlotte Armstrong. It is a rose amazingly beautiful in all stages, from the long, slender, rich carmine buds through the magnificent, brilliantly colored spectrum-red flowers, to the still lovely full-blown blooms of rich cerise. These color terms mean very little—you have to see the flowers to visualize their amazing richness. The long-stemmed blooms are produced in great quantities throughout the season and are ideal for cutting, and, of course, everybody appreciates the strong, vigorous, free-branching growth which clothes the plants luxuriantly with handsome foliage. It is a pleasure to have a variety like this in the garden which grows prodigiously without coddling and never stops blooming throughout the whole season. Reports from cold climates indicate that it is harder than most roses too. From Maine to California, it has been a great success. Plant Pat. No 455. \$1.50 each.

Show Girl

Show Girl. R83A. (Lammerts, introduced by Armstrong.) Amazingly long, lovely buds, perfect for cutting, characterize this new Armstrong rose, introduced this year for the first time. The buds are beautiful at all times, but when conditions are just right during the season you'll see some of the longest and most perfectly formed beauties that can be grown. We think it is one of the finest pink roses for cutting because the long buds are borne on equally long stems, and the heavy textured petals make them last a long time. The color is a rich deep phlox-pink, deeper in the spring (sometimes almost a carmine), lightening as the flower opens to a softer tone but always deep pink. You'll find it to be one of the strongest plants in the rose garden, upright, with the big sturdy canes continually coming from the bottom of the plant and branching freely, thereby producing lots of those perfect buds. Just enough fragrance to give it character. If you want to enjoy the most beautiful, most perfect and the longest pink rose buds, you'll want to plant Show Girl. Plant Pat. No. 646. \$2.00 each.

Finest Rose Perfume

Miss Clipper. R59. (Lammerts, introduced by Armstrong.) How would you like to have the world's richest, most "rose-like" rose fragrance in your garden? Miss Clipper will provide it for you—and that's not just our opinion. Scientific tests by one of the country's largest chemical companies, conducted in the summer of 1941 in order to find the rose that would produce the finest essential oil for rose perfume, showed conclusively that Miss Clipper has the finest rose fragrance. The long, slender buds and lovely cupped flowers of pale salmon-pink shaded orange and yellow, are good for the eyes, and that intoxicating fragrance is good for the lungs. Plant Pat. No. 522. \$1.25 each.

They Tell Us

H. J. H., Santa Ana, Calif. "A couple more Charlotte Armstrongs, please. Boy, those are really roses!"
O.N.H., LaCrosse, Wis. "The Charlotte Armstrong was the most beautiful and free flowering rose in my garden."
D.E.W., Hunter, Okla. "I have had eight Charlotte Armstrongs for three years, and they have stood from 3° below zero to 110° above zero."
L.W.P., Fort Worth, Tex. "Charlotte Armstrong was the outstanding rose in our garden this past season."



Charlotte Armstrong

Sweet Sixteen

Sweet Sixteen. R89A. (Lammerts, introduced by Armstrong.) This new Armstrong Rose, introduced in 1944, will give you from early spring until late fall a succession of long, slender buds in delicate shades of light pink with tints of rose, and a dash of gold at the base of each petal. The long tight buds, half unrolled blooms and the large-petalled flowers are magnificent in their perfection of form. They have that soft rose-petal complexion and soft rich daintiness of color that go with sparkling youth and beauty, and they have a sweet fragrance which makes them delightful cut flowers. It is especially fine in coastal or cool weather regions. In hot weather climates it will be at its best only in spring and fall. You'll be cutting its beautiful buds ahead of most other roses in your garden. Plant Pat. No. 631. \$1.50 each.

Sweet Sixteen





Armstrong Bush Roses

The Best Standard Kinds From Everywhere

There are thousands of rose varieties, but we try to grow only the very best of both the new and the old kinds. Every rose that we list is a good one so it's just a question of your choosing the color and type that you like best. New Armstrong introductions are described on pages 64 and 65 and other new varieties are described on pages 68-69.

Autumn has gorgeous shades of yellow, bronze and red.

A Good White Rose

Alice Stern. R1. The perfection of form in bud and open flower and its large size, combined with the splendid, upright, strong growing plant, rates this one as the best white Rose. In cool weather there is an ivory tone at the base of the buds, as well as an exquisite hint of pink at the tip. The open flower is white at all times. \$1.00 each.

Apricot Queen. R3. Take the richest colors from a perfect tree-ripened California apricot, instill them into one of the most beautifully formed rose buds that you have ever seen and you get some idea of the beauty of this charming Rose. The general color effect is rich deep salmon-apricot, with lovely tints of orange-yellow at the base of the petals. The magnificent buds are delightfully fragrant. 1940 All-America. Plant Pat. No. 464. \$1.50 each.

Important Rose Facts

We try to make Armstrong Rose bushes the finest that can be grown. That we have succeeded seems to be shown by the fact that our Rose plants have pleased thousands of planters in the United States during the past 50 years. Armstrong Roses thrive anywhere in this country from California to Maine and from Oregon and Washington to Florida.

Ready to bloom. All of our rose bushes are ready to burst into bloom within a few weeks after planting. They are well-rooted and well-branched. Most Armstrong Roses are budded on Ragged Robin (Glorie des Rosamones) root, which we have found to be the best for most climatic and soil conditions.

Pruned ready to plant. Our rose plants are cut back to 12 inches before we send them to you. In most cases it is not necessary to do any further pruning when planting. Follow the planting instructions which accompany the plants, carefully.

Shipping Time

Dormant, bare-rooted Armstrong Rose Plants are available for shipments from December 15 to April 15 and are shipped anywhere safely and cheaply during this period. During the rest of the year most kinds are available as blooming plants in 5-gal. tins (wt. 45 lbs. each). These are easily delivered to Southern California points but are rather heavy and expensive to ship to more distant areas.

Quantity Rates

The each rate applies unless your order totals 10 or more Bush or Climbing Roses. For 10 or more, reduced rates are given below and apply on any assortment

Less Than 10 Each	10 or More Each
\$2.50	\$2.25
2.00	1.75
1.50	1.35
1.25	1.10
1.00	.90

Planting Calendar

A black square under any month means that plants are available during that month.

Month	J	F	M	A	M	J	J	A	S	O	N	D
Bare Root	■	■	■	■	■	■	■	■	■	■	■	■
5-gal. tin	■	■	■	■	■	■	■	■	■	■	■	■

Shipping Costs, Weights

The transportation charges on rose bushes or any other plant material are based on the table on page 42. Dormant, bare root rose plants weigh 2 lbs. for the first plant and 1/2 lb. for each additional plant. 12 or less roses are usually shipped by mail, so be sure to include postage based on the table on page 42, with this size order. More than 12 roses will usually be shipped by express and shipping charges will be collected by the express company at destination. We use our judgment as to method of shipment and refund any amount sent us for postage which is not used.

Summer Price Change

The prices quoted in this Catalog are for bare root dormant plants sold from December 15, 1944 to April 15, 1945. Plants in 5-gal. tins sold during the summer and fall months are usually priced higher because of the added costs of handling.

Autumn Colors

Autumn. R5. The full handsome buds are a superb shade of burnt-orange, and the opening flowers are heavily suffused with russet-brown and bronzy red all over-laid on a background of rich yellow in a color combination reminiscent of the most glorious autumnal foliage. It would be difficult to exaggerate the colors. Deliciously fragrant. The plant is strong growing and has big, broad, glossy foliage. It is still the best of the richly hued multi-color roses. \$1.00 each.

Cecile Brunner

Cecile Brunner. R10. The miniature flowers of this favorite old Baby Rose, rose pink shaded salmon, fill a niche which no other Rose can occupy. A strong grower too, and always in bloom. \$1.00 each.

Boutonniere

Boutonniere. R6. If you want to be able to go into the garden at almost any time and cut a perfect little bud for your buttonhole or a half dozen for a small vase or corsage, you'll want this new variety. The perfectly shaped, solid, little, orange-apricot buds are full and long lasting and borne in succeeding profusion. The buds open to a rich deep salmon-peach and are pleasantly fragrant. The plant is low and bushy, heavily clothed with glossy foliage which is almost mildew-proof. Plant Pat. No. 454. \$1.00 each.

Giant Orange Buds

California. R8. You will be thrilled with the unusual orange color found in the large buds of this Rose. The flowers have about seventeen of the enormous petals, the buds are large, long and lovely, and the color, particularly in cool weather, is beautiful in its ruddy orange shades toned with saffron-yellow. A strong grower. Delicately scented. Fades and opens quickly in the warmer interior sections but in the coastal areas and cooler sections the buds and color are magnificent. 1940 All-America. Plant Pat. No. 449. \$1.50 each.

Alice Stern is a splendid white rose.



Are Garden Favorites All Over America

Contrast

Contrast. R15. A brilliant combination of colors catches the eye at once in this exquisite bi-colored rose. The upper face of the petals is a glowing orange-rose or china-pink in some weathers, while the under side is a light straw color shaded with bronze. Semi-double, beautifully shaped in the bud, borne on long stems, it is a splendid rose for cutting, and you will find the bush to be one of the largest and most vigorous plants in your garden. Fragrance slight but pleasant. \$1.25 each.

Charlotte Armstrong. R11. Finest Rose of them all. See page 65. \$1.50 each.

Christopher Stone. R12. Bright red. See page 73. \$1.00 each.

Condesa de Sagato. R14. Yellow and scarlet bi-color. See page 73. \$1.00 each.

Countess Vandal

Countess Vandal. R17. The long tapering buds of salmon-pink, richly shaded with copper and gold tones, are richly perfumed, and the Countess produces continuously many of these beautifully formed, long-stemmed, lovely blooms. It is exceptionally fine for cutting because long-stemmed buds are nearly always available and they keep exceptionally well. Buds and open flowers are always perfect no matter what the weather. For ten years, ever since her first appearance, Countess Vandal has been stepping up the ladder of popularity and is now the leading star of the salmon-pink roses. One of the "Armstrong Big 10" listed on page 72. Plant Pat. No. 38. \$1.25 each.

A Glorious Red

Etoile de Hollande. R28. This magnificent red Rose is ranked among the first three of its color by everyone who knows Roses. The perfect buds are of medium size, opening beautifully into glorious great flowers with incomparable fragrance, holding its brilliant color to the end. The bush is strong, free branching, and healthy. See illustration and description of climbing sport on page 75. Since it is one of the most outstanding red roses we, of course, include it in the "Armstrong Big Ten" listed on page 72. \$1.00 each.

Fiesta. R29. The only real striped rose, vermilion and yellow. See page 69. \$1.50 each.

Fantastique. R28A. Daintily colored yellow and pink. See page 68. \$1.50 each.

Floradora. R29A. An unusual vivid cinnamon-red or orange-scarlet. Illustrated on page 64. \$1.50 each.

Fred Edmunds. R30A. Vivid glowing coppery orange. See next page. \$2.00 each.

Favorite Dark Red

Crimson Glory. R18. The polls for the most popular roses during the last few years have usually placed Crimson Glory in the No. 1 spot for red roses in most sections of the country. It has about everything that a good Rose needs, starting with beautiful flaring urn-shaped buds which always open into a magnificent vivid flower of velvety crimson with black and maroon shadings. The glowing deep scarlet color has a velvety sheen that catches either sunlight or artificial light and glows like a red hot coal. The blooms have a pleasant rich fragrance. The plant is vigorous and well foliaged, low and spreading rather than upright. U. S. Plant Pat. No. 105. \$1.50 each.

Dainty Bess

Dainty Bess. R20. The delicate charm and elusive loveliness of this dainty Rose have made it the most popular single rose grown. The five-petaled flowers are borne in clusters of three or more, each flower three inches across, delicate pink in color, with a brownish-red overcast and contrasting center of wine-red stamens. The flowers are very lasting when cut, and the bush is strong and tall, blooming continuously. \$1.00 each.

Order Early

Wartime conditions have made the crop of roses short this year. Be sure to get your order in as early as possible so that you'll not be disappointed. During the latter part of the planting season many varieties will be sold out, but we will fill all orders according to the date they are received. If you live in Southern California, stop at one of our three Salesyards in Ontario, North Hollywood or Culver City and take your rose plants directly home with you. They are easily carried, and you'll avoid shipping delays.



Crimson Glory, one of the finest of red roses.

Sun-Tanned Beauty


Duquesa de Penaranda. R23. A most intriguing color of orange-apricot, with deeper coppery tones, the huge, pointed buds being quite double, sweetly perfumed and long lasting. A tall, strong grower with beautiful light green shiny foliage. One of the first varieties to bloom in the spring. A dependable garden performer in almost any area. \$1.00 each.

Old Frau Karl

Frau Karl Druschki. R30. (Hybrid Perpetual.) Pure white, with immense long buds and very double flowers, wax-like in texture. Hardy everywhere, with long upright growth up to 6 feet. Put it where it has plenty of room to grow. \$1.00 each.

Eclipse. R24. Long, streamlined yellow buds. See page 73. \$1.50 each.

All-America Rose Offer

 From the leading All-America Winners of the past five years, we have made up a special All-America Collection, which includes the two top winners for 1945 and three previous winners. To take these honors, they must be good, and take our word for it, they are good!

Mirandy. R58A. (1945 All-America Winner.) Just about the best there is in dark red, fragrant roses. \$2.50 each.

Horace McFarland. R42A. (1945 All-America.) Great long orange-pink buds, perfectly formed. \$2.00 each.

Mme. Chiang Kai-Shek. R60A. (1944 All-America.) Giant perfectly formed buds and flowers of delightful primrose-yellow. Spicy lemon scent. \$2.00 each.

Heart's Desire. R40. (1942 All-America.) Magnificent, long, streamlined buds of bright luminous red; superbly fragrant. \$1.50 each.

Charlotte Armstrong. R11. (1941 All-America Winner.) The finest of all All-America Roses in our opinion. Long, slender, carmine buds and brilliant open flowers of spectrum-red and cerise. \$1.50 each.

Special All-America Rose Offer, one each of the above five All-America Roses (regular single rate value \$9.50) for \$7.75. Ask for Collection No. 12. Add 19c sales tax on California shipments. See page 42 for postage charges (wt. 4 lbs.).




Countess Vandal, with rich shades of salmon-pink, copper and gold, is one of the most perfect of roses for cutting.


The Best of the Newer

The new All-America Rose Winners for 1945 will be found described on page 64, while the newest Armstrong introductions are listed on page 65. Wherever you see the AARS insignia, the particular roses so designated have won an All-America Award during the last five years.

Fred Edmunds

 Fred Edmunds. R30A. (Meiland) This new orange-colored rose won an All-America Regional Award for the Pacific Coast (1944), and that's good enough for us. It's the best orange-colored rose yet, in our opinion, with a color so rich it will startle you when you see it. It is exceedingly vivid in the bud, slowly changing to a softer apricot-orange shade in the older blooms. Probably at its best in the cooler sections. The plants have been exceedingly vigorous with us, with glistening, glossy, large foliage and the flowers have a delicious fruity fragrance. Named in honor of the Curator of the International Rose Test Gardens at Portland, Oregon. Prop. Rights Reserved. \$2.00 each.

Katherine Marshall

 Katherine T. Marshall. R48B. (Boerner) A lovely bloom of warm, glowing, clear pink, with no other shadings. Only a few petals, but all big, heavy textured ones, forming a magnificent bud and half-open bloom, with a rich fruity fragrance. It has the most luxuriant, biggest, and most handsome foliage of any of the new roses, and the plants are tall, strong and robust, with long, straight stems. Four to four and a half foot plants are not at all unusual for this variety. Named after the wife of Gen. George C. Marshall of the U. S. Army. Plant Pat. No. 607. \$2.00 each.

Odine

Odine. R69B. (Ketten.) We picked some of the most beautiful, long-pointed, snowy white buds from this new rose last summer, that can be imagined. Perfect white rose buds are scarce, and these you'll find to be just about as perfect as white rose buds can be. Just a hint of ivory in cool weather, otherwise there is no shading to mar its immaculate whiteness. Sweetly fragrant, too. The plants are upright and moderate in growth, blooming freely. \$2.00 each.


Sonata

Sonata. R87A. (Van Rossem.) Whenever we think of this handsome new pink rose we think of quantities of beautiful, perfectly formed, deep pink buds, because that is what you get continuously throughout the season from it. The color is not a delicate shade of pink but a bold, strong, deep shade, almost a red in the tight bud, the outside of the petals darker than the inside. The fragrance is slight but satisfying. Plant, stems and foliage are all excellent. It is bushy and free-branching, with fine stems for cutting. Frankly, the open flower seems to have made little impression on us, but we certainly remember those beautiful buds. Plant Pat. Pending. \$1.50 each.


Fantastique

Fantastique. R28A. (Meiland) You've never seen anything like this rose before. Medium sized, very double flowers, opening up like a camellia, every petal a beautiful light yellow, edged and feathered with carmine-red. A low, bushy, beautifully foliaged plant which throws out its novel, amazingly colored blooms in great profusion. It is a unique rose that we like very much, and we think you will too. Plant Pat. No. 574. \$1.50 each.

Lowell Thomas

 Lowell Thomas. R50A. (Mallerin) The more we see of this splendid new yellow rose the better we like to recommend it. Its long tightly furled buds are a rich golden yellow, deep and glowing, opening slowly into a large flower of a uniform lighter yellow shade. It has a large and robust plant which keeps throwing out new flower stems incessantly. Every bloom is borne on a heavy stout stem. Visitors gravitated to this variety all summer long in our fields. A very mild fragrance. Plant Pat. No. 595. \$2.00 each.

Grande Duchesse

 Grande Duchesse Charlotte. R38. (Ketten) The interesting buds are a rich claret color (you may call it brick-red), which changes as the flowers age to a lovely begonia-rose. The flowers are not always perfect in form, but they are always beautiful because of that rich color, never seen in roses before. The plant is big, strong and free-branching. To us the fragrance is like that of ripe fruit. When the container grown plants came into bloom in our Yards last spring, they were snapped up as fast as the customers could take one glance at those richly colored buds. A 1943 All-America Rose. Plant Pat. Pending. \$2.00 each.

Fantastique has a color scheme unique in roses. The illustration below does not exaggerate in the slightest.



Fred Edmunds, the best orange-colored rose.



Lowell Thomas, the new All-America yellow.



Grande Duchesse Charlotte has a shade of red new to roses.



Rose Introductions

Mary Margaret

Mary Margaret McBride. R54. (Nicolas) The top ranking All-America Rose for 1943. Lovely, long, flaring buds and many-petaled flowers in a rich yet delicate coral-pink color with a shimmering golden color at the base of the petals. It has a satisfying fragrance. You'll find that the plant starts going places right away, as soon as you get it in the ground, becoming tall and rather slender, the canes beautifully foliaged with big, broad, leathery leaves. Plant Pat. No. 537. \$1.50 each.

Pinocchio

Pinocchio. R74. (Kordes) Great clusters of beautiful little blooms in the brightest, cheeriest, daintiest shades of salmon, flushed with gold, that you can imagine, and every little bud in the cluster is a perfect garden rose in miniature, unexcelled for boutonnières, corsages, bouquets, and lovely in the garden too because it is nearly always in bloom. A delicious fruity fragrance. Twenty to twenty-four inches tall. Plant Pat. No. 484. \$1.25 each.

Numa Fay

Numa Fay. R69A. (Richard) Looks like one of the best light pink roses of recent years. The flower is very large, very full, quite fragrant, beautifully formed and long lasting. The color is a soft orange-salmon in the bud, opening to a delightful peach-pink or pale salmon, depending on the weather. We think it is one of the finest light pink roses in existence because of the big, vigorous bush, the large, abundant foliage which covers the plant from the ground right up to the long-stemmed flowers and because of the large size, perfect, full, high-centered form and lovely color of the blooms themselves. It will never disappoint you. \$1.50 each.

Mme. Chiang

Mme. Chiang Kai-Shek. R80A. (Duhrensen). Named in honor of the gracious First Lady of China. It was the top All-America Winner in 1944 and is, unquestionably, one of the finest light yellow roses of all time. The giant, perfectly formed, long buds of soft primrose-yellow open to great many-petaled spiral flowers of creamy ivory. Every lovely bloom is borne on a long, straight stem. The bushes are tall, slender and strong and will become one of the tallest plants in your garden. The flowers have a spicy lemon scent. Plant Pat. pending. \$2.00 each.

The Chief, exceedingly fragrant.

Fiesta Colors

Fiesta. R29. Dazzling is the only word that describes this remarkable variegated Rose. The color scheme consists of stripes and flecks of bright yellow on a background of rich vermilion. The flowers nestle in dark green, glossy foliage of large size and make a great show on the plant, as well as providing most unusual cut flowers. A modest grower, requiring a little extra water and fertilizer to secure the finest blooms. Slightly fragrant. You and your friends will exclaim over this bizarre yet daintily colored Rose when it blooms in your garden. Plant Pat. No. 389. \$1.50 each.

Sierra Glow

Sierra Glow. R84. (Lammerts, introduced by Armstrong.) The long flaring buds open out into many-petaled, high-centered flowers, lovely at every stage, which last well on the plant and when cut. If you have ever seen that indescribable summer afterglow on the snowy peaks of the High Sierras, you will know where we secured the name for this rose. In the center of the bloom and at the base of the petals is a most unusual tan shade never seen before in roses, while the outer petals are a beautiful silvery sun-bathed pink. Richly scented with the good old attar of roses perfume with a hint of spice added. The plant is spreading, vigorous and highly disease-resistant. Plant Pat. No. 521. \$1.25 each.

Hail to the Chief

The Chief. R92. (Lammerts, introduced by Armstrong.) This new rose has amazed observers with its gigantic, extremely long buds and the delightful form and rich color of its blooms. The color of the bud varies with the weather from deep rose to flame, opening to a magnificently full flower of flame, coral and copper, changing to a beautiful shade of orange-pink as the flowers age. The blooms are borne singly on exceedingly long stems, with plenty of thick, heavy, lasting petals, and best of all, they have a rich fruity fragrance which few Roses can equal. A spreading vigorous plant, remarkably resistant to mildew. A 1940 All-America Rose Selection. Awarded Silver Medal, Portland Rose Test Gardens. Plant Pat. No. 456. \$1.25 each.

See Mirandy, the new Armstrong All-America winner, on page 64. A great red rose.



Fiesta makes a dazzling, two-toned display.



Sierra Glow, a lovely pink.

Mme. Chiang Kai-Shek, Top All-America Winner for 1944.





The lovely slender coral-pink buds of Lulu.

Girona

Girona. R31. A comparatively new rose which has had no great publicity, but we think so highly of it that we have placed it in our "Big 10" Collection in place of the old-timer President Hoover. It really takes a good rose to shove Hoover aside. The full, double flowers are magnificently formed and are beautifully colored in various tones of pink, carmine and yellow. You'll find it one of the most fragrant roses you've ever dipped your nose into, and it produces long-stemmed flowers very freely on a tall, strong, beautifully foliaed plant. Splendid for cutting because they keep so well. \$1.25 each.

Fragrant Hadley

Hadley. R39. Everybody knows this old favorite, which, with its brilliant rich crimson color, vigorous growth, long stems, full blooms and rich fragrance, is close to the top in red Roses. It suffices to say that if you like red Roses you must not be without Hadley. \$1.00 each.

Grande Duchesse Charlotte. R38. See Page 68. \$2.00 each.

Golden Rapture. R37. Shining rich yellow. See description page 73. \$1.00 each.

Heart's Desire. R40. See page 73. \$1.50 each.



Girona has pastel colors of dainty pink, yellow and carmine. Deliciously fragrant.

Armstrong Bush Roses

Alphabetical List of Bush Roses (Continued from Page 67)

Brilliant Gaede

Hinrich Gaede. R41. We can tell you that the general color effect in this flower is orange-scarlet, copper-orange, or luminous vermilion, but no matter how much we juggle the color adjectives, you could not possibly get an idea of the magnificence of its blooms. It has a rich honey-sweet fragrance, and the quite double flowers are borne on long stems on a vigorous strong bush with excellent foliage. See illustration in color on page 76. \$1.00 each.

A Favorite White

K. A. Victoria. R48. Pure ivory white, producing quantities of beautiful buds and full flowers. Long considered one of the best white Roses for California because it blooms so freely and continuously, no matter what the weather. If this were a new Rose, we would be writing a 2-inch description of it, but since it is more than 40 years old, we'll just tell you that you'll find it mighty hard to beat anywhere as a white Rose. We have it also as a climber. See page 76. \$1.00 each.

Horace McFarland. R42A. The new orange-pink All-America Winner for 1945. See page 64. \$2.00 each.

Jonkheer Mr. G. Sandberg. R47. Yellow. See page 73. \$1.00 each.

Katherine T. Marshall. R48B. Handsome new glowing pink. See page 68. \$2.00 each.

Los Angeles

Los Angeles. R50. A California product, and in color emblematical of the Golden West, it has gained international recognition as one of the finest roses ever produced. The color is a glorious rich flame-pink, shaded gold and yellow. A very large, strong-growing, free-blooming bush, so give it plenty of room. \$1.00 each.

Lowell Thomas. R50A. Glorious new All-America yellow. See page 68. \$2.00 each.

Lovely Little Lulu

Lulu. R51. This dainty little Rose has always been a great favorite with us and with our friends because of the great quantities of dainty, long, slender buds of coral-apricot with which the bush is covered at all times. There is not a Rose more exquisitely formed in the bud stage than Lulu, and an astonishingly large number of Rose lovers will put Lulu at the very top of their list of roses. Plant low and bushy but very vigorous. \$1.00 each.

Most Popular Yellow

Mrs. Erskine P. Thom. R65. Over the past several years this has probably been the most valuable yellow Rose for the garden. Our customers think so too for it has out-sold all other yellows almost every year. The nicely shaped buds and well shaped open flowers are a bright canary-yellow without other tints, and the strong-growing, vigorous bush is lavish with the blooms. It has color, form, growth and lovely foliage, so it is going to stay at the top for some time to come. Climbing form illustrated in color on page 77. \$1.00 each.

A Red Talisman

Mary Hart. R53. This striking red sport of Talisman has the same handsome form of the Talisman buds but is maroon-red, opening to open blossoms of velvety blood-red with an over-glow of amber. The color varies considerably with weather conditions and is at its best in cool weather. Exquisitely fragrant; growth medium, upright. Unless you have plenty of cool weather in the blooming season you had better leave this one out, for it has too many imperfect blooms in hot weather. Plant Pat. No. 8. \$1.25 each.

Mary Margaret McBride. R54. One of the finest new pinks of recent years. See page 69. \$1.50 each.

Perfection in Ivory

McGredy's Ivory. R55. The flowers are creamy ivory-white, which turns to a clear white as it opens with occasionally a faint pink flush in the center in cool weather. The buds are just about as perfect as Roses can be, and the flowers possess a delicate damask perfume. The purity, grace and beauty of a lovely bud of this variety just about takes your breath away. \$1.00 each.

Mirandy. R58A. The great new red rose. Top All-America Winner for 1945. See page 64. \$2.50 each.

Miss Clipper. R59. The new rose with the finest rose perfume. See page 65. \$1.25 each.

Mme. Chiang Kai-Shek. R60A. Giant new yellow. The top All-America Rose for 1944. See page 69. \$2.00 each.

One of the Best

Mme. Henri Guillot. R61. As the beautiful tight bud begins to unfold its 25 large, crisp, heavy-textured petals of raspberry pink, the bloom becomes lovelier in every succeeding stage, and the great full-blown flower is a thing of splendor. Luxuriant glossy foliage clothes the big spreading plants right down to the ground. You'll find the flowers on top of those straight stems unbelievably gorgeous. They're richly fragrant, too. Put this one near the top of your list because that's where it belongs. Mme. Henri Guillot is in our "Big 10" this year. Plant Pat. No. 337. \$1.25 each.

Mrs. Sam McGredy

Mrs. Sam McGredy. R68. This wonderful Rose is a beautiful copper-orange in color, heavily flushed with Lincoln-red. There is no other color in Roses like it. The buds are long-pointed, high-centered and double, with a moderate fragrance. Growth low, robust and much branched with the most beautiful bronzy green foliage, glossy and luxuriant, ever seen on a rose bush. To cap it all, the flowers possess a sweet fragrance. See also the new climbing sport on page 76. \$1.00 each.

Numa Fay. R59A. New light pink. See page 69. \$1.50 each.

Pinocchio. R74. New pink Baby rose. See page 69. \$1.25 each.

10 Cost Less

If you buy 10 roses, bush or climber, you get a reduced rate. See quantity rates on page 66.

The Country's Best

Shades of Night

Night. R69. One of the darkest of all Roses, deep crimson shaded black and maroon. The buds and flowers are well shaped, quite double, and it has the spicy clove and cinnamon fragrance that you can imagine would be wafted on the balmy airs of a tropical night. We consider this to be the best of the deep dark reds, but like most dark Roses, the flowers are at their best in cooler weather. It's a good vigorous grower. See also the new climbing sport of this variety described page 76. \$1.00 each.

Odine. R69B. New snowy white. See page 68. \$2.00 each.

Picture

Picture. R72. We rate this as one of the very finest pink Roses and so do our customers, because it is the best selling pink rose on our list. The plant is strong and vigorous and produces one continuous burst of bloom after another all through the season, every bud is perfectly formed and with plenty of petals so that the flowers are substantial and long-lasting without being too heavy. The color is not a cold color like so many pinks, but it has those warm undertones of salmon which make the color cheerful and glowing. The flowers have plenty of enchanting sweet Tea fragrance too. One of the "Armstrong Big Ten." The new Climbing Picture is described and illustrated in color on page 76. It is the outstanding pink climber just as this is the outstanding rose of its color. \$1.00 each.

Poinsettia. R73. Dazzling scarlet. See page 73. \$1.00 each.

Sister Therese. R86. Long-budded, yellow-apricot. See page 73. \$1.00 each.

Sweet Sixteen. R89A. Lovely pink buds. See page 65. \$1.50 each.



President Hoover

President Herbert Hoover. R75. Certainly no Rose planting would be complete without this wonderful multi-colored Rose. It combines many shades of cerise-pink, flame, scarlet and yellow, the long buds being beautifully formed, opening slowly and possessing a most delicious fragrance. One of the finest characteristics is the magnificent growth of the bush, four feet in one season being only quite ordinary growth for this variety, and it is not a question of how long you wish the stems to be but how long you wish to cut them. It is one of the most dependable of all roses. \$1.00 each.

Radiance

Radiance. R77. This ever-popular Rose will probably produce more first class blooms to the plant than any other variety, and it is exceedingly vigorous, hardy, and disease-resistant under all conditions of soil and climate. The flowers are a lovely light silvery-pink, suffused deeper pink, and carry a most delicious damask perfume. Give it plenty of room and be prepared to cut many long-stemmed flowers, for no planter was ever disappointed in the performance of this famous Rose. \$1.00 each.

Red Radiance

Red Radiance. R80. All we need to do is repeat the splendid recommendations made for its sister variety Radiance above, because this red Rose is exactly the same in everything except color of flower, which is a rich cerise-red. No Rose will excel it in fragrance, growth or quantity of blooms. You can plant either Radiance or Red Radiance in almost any location in any climate and get a great big plant without any trouble, for they are rugged enough to thrive anywhere. \$1.00 each.

Show Girl. R83A. If you want to enjoy some of the longest pink rose buds that can be grown, you'll want to try this new Armstrong creation. See page 65. \$2.00 each.

Sierra Glow. R84. Sun-bathed pink. See page 69. \$1.25 each.

Talisman

Talisman. R90. A vividly colored Rose which is probably better known as a cut flower than any other Rose grown. The brilliant coloring is a mixture of orange-scarlet and golden yellow in irregular proportions, but always pleasing. Very double, exquisitely shaped, borne on long stems, and exceedingly sweet scented. Talisman is an indispensable rose for every garden, and after having one plant you usually want more so that you can pick a larger bouquet of those beautiful buds. It's an easy rose to grow because the plant is vigorous, upright and free-branching. \$1.00 each.

Texas Centennial. R91. A strong, tall, vigorous 3 to 4 foot plant, with heavy strong stems and magnificent large full buds and blooms—but the color is a bright, glowing carmine-red which in cool weather becomes deeper blood-red. It has a big vigorous plant, lavish with its richly colored flowers. See also new Climbing Texas Centennial on page 77. Plant Pat. No. 162. \$1.25 each.

Texas Centennial, in its glorious rosy red hues, is available as a bush or as a climber (see page 77.)



President Hoover
Pink, Yellow, and Buff

Showy Saturnia

Saturnia. R83. If you live along the California coast, you had better include this rose in your planting if you want to see some of the most vividly colored roses imaginable because in that area the flowers are glorious and simply knock your eye out. As a matter of fact they are that way anywhere in cool weather. The long-budded, large petalled flowers of brilliant cardinal-red, salmon-yellow and copper on the reverse, are exceedingly fragrant. Plant Pat. No. 349. \$1.25 each.

Sonata. R87A. Handsome new pink rose. See page 68. \$1.50 each.

Southport

Southport. R88. This is one of the finest red garden Roses because of its exceedingly brilliant scarlet color and the great quantity of lovely, long, slender buds which it produces. The flower opens quickly into a good sized, loose, open, perfumed bloom which holds its brilliant color well. The plants are strong growing, tall and slender, with the blooms on long stems. Excellent for cut flowers and exceedingly lovely under artificial light. \$1.00 each.

Signora

Signora. R85. This big, robust, multi-colored rose steps right out and grows to beat the band. You hardly ever see it without some good long-stemmed buds and flowers on it, every one perfect no matter what the weather. The color is usually a most intense shade of scarlet-orange with other lighter shades of tangerine and cerise. The bloom is exceedingly attractive from the tightly rolled bud to the wide open flower. Large, glossy, light green foliage and a slight fragrance. Plant Pat. 201. \$1.25 each.

Biggest of All

The Doctor. R93. Enormous, delicately colored, large-petalled pink blooms, which are so big sometimes you can hardly believe them real—6 inches across with buds in proportion. The plant is modest in growth, and you will have to give it a little extra attention, but it is worth doing that to get those great, exquisite, silvery pink flowers, with the intensely sweet fragrance. One of those big, beautifully proportioned, richly colored, sweetly perfumed flowers is really an event in the garden. \$1.25 each.

The Chief. R92. Big, sweetly perfumed flame colored rose. See page 69. \$1.25 each.

Armstrong's
Big

A Champion Rose Garden

10

If you said, "Pick out for me a well-balanced 10-plant rose garden, every plant a strong grower, including only tested varieties which will be surest to succeed in my garden," we would pick out for you the kinds included in our Big 10. Each rose is outstanding in its color, and there is not a weak sister among them. The bushes are typical Armstrong rose plants, husky and heavy-rooted. Within a few weeks after planting, they will fill your garden with lovely blooms and rich rose fragrance.

You'll find no greater group of roses anywhere in the world than these. Two recent All-American Winners are included in Charlotte Armstrong and Heart's Desire. We've chosen the varieties to give you a wide range of the most beautiful colors, and every rose included gives plenty of beautiful long-stemmed buds for cutting. If you want the best in Roses, just order the "Big 10."



Heart's Desire, most fragrant of red roses.



The "Streamlined Rose," Eclipse.

Christopher Stone, the velvety red with the alluring, spicy fragrance.



1. **Charlotte Armstrong.** The No. 1 rose of them all, with long, slender, carmine buds and magnificent open flowers of brilliant cerise-pink.
2. **Christopher Stone.** Glowing, brilliant, crimson-scarlet, with deeper dusky shadings.
3. **Countess Vandal.** Long tapering buds of salmon-pink, copper and gold, richly perfumed and long-stemmed.
4. **Eclipse.** Long, streamlined golden yellow buds, produced in great profusion. One of the best yellows for cutting.
5. **Etoile de Hollande.** Brilliant non-fading red. One of the most fragrant of all roses.
6. **Girona.** Lovely tones of pink, carmine and yellow. Fully double, exceedingly fragrant.
7. **Golden Rapture.** Perfect buds of glorious, shining, brilliant yellow.
8. **Heart's Desire.** Big, beautifully formed red buds with one of the finest perfumes in roses. Big, strong growing plant, too.
9. **Mme. Henri Guillot.** Gorgeous velvety raspberry-pink, with luxuriant glossy foliage. From the tight bud to the last petal that drops, it is a perfect rose.
10. **Picture.** Lovely buds and flowers of warm pink. Our favorite pink rose.

You can't give anyone (even yourself) a finer gift than a lovely rose garden that will live on in the garden year after year. We will be glad to send the "Big 10" anywhere in the country to arrive at any time between December 15 and April 15. Each sturdy bush will be properly pruned for planting, and complete instructions for planting and care will be included. Just say, "Please send the 'Big 10' (or Rose Offer No. 10) and you'll get one plant of each variety named above for only \$10.20.

Add 26c sales tax on California shipments. For delivery to any point in California, Arizona or Nevada add 25c for packing and shipping; other states west of the Mississippi add 70c; and eastern states add \$1.15.

Golden Rapture is available as a bush offered on next page or as a glorious free-blooming climber on page 76.



Armstrong Bush Roses

Heart's Desire

Heart's Desire. R40. (Howard & Smith) The 1942 All-America winner. Its long, pointed buds of pure bright luminous red, without other shadings, are magnificent to behold. They are always borne on long stems, and keep longer than almost any other rose in our fields after they are cut. But the most outstanding feature of the rose is its powerfully sweet and superb fragrance. A few blooms will perfume an entire room. True, it will occasionally display a weak neck and in certain seasons a few globular flowers, but we think these faults are far outweighed by its good points. The plants are tall, vigorous and free-branching. Plant Pat. No. 501. \$1.50 each.

For Your Bud Vase

Eclipse. R24. The outstanding characteristic of this splendid rose is the exceptionally long stream-lined bud of pale yellow, often more than 2 inches long. The open blooms are somewhat uninteresting, but when you can go out almost any morning and pick a bouquet of these exquisitely beautiful, long slender buds, each one on a long stem, it is difficult to resist. The big, tall, strong bush keeps the mildly fragrant buds coming along continuously. Plant Pat. No. 172. \$1.50.

You'll Like Chris Stone

Christopher Stone. R12. It has continued to grow in popularity each season and ranks as one of the very finest red Roses of recent years. Glowing, brilliant crimson-scarlet, with deeper, dusky shadings as the flower ages, it never has a trace of blue and does not fade in the hottest sun. While it sometimes lacks perfection of form, the blooms have long-lasting substance, a delightfully spicy fragrance, an unequalled richness of color, and it will out-bloom most red Roses. \$1.00 each.

Golden Rapture

Golden Rapture. R37. This Rose has produced some of the most perfectly formed bright yellow buds that we have ever seen—not a pale yellow, but a glowing shining rich yellow without any shadings and the color seldom fades. Has a mild but pleasant fragrance. The growth is medium. In our opinion there is no finer yellow Rose in its color class and its perfection of form and richness of color make it popular with everyone who sees it. One of the "Armstrong Big 10." Also offered as a climber on page 76. \$1.00 each.

Unfading Yellow

Jonkheer Mr. G. Sandberg. R47. One of the most beautiful yellow roses that we grow, a clear, bright, shining shade which does not fade in the sun. The ovoid buds are well shaped, with plenty of petals, and unlike many other yellows, the flowers are produced on a vigorous, upright bushy plant which keeps throwing out its flower stems continuously. \$1.00 each.

A Brilliant Bi-color

Condesa de Sastago. R14. This brilliantly bi-colored Spanish Rose is unsurpassed in brilliancy, and its startling color combination is undoubtedly unique. The large, cup-shaped flowers, fairly double and yet not too heavy, are glowing orange-scarlet on the inside of the petals and intensely bright yellow on the outside. The breath-taking beauty of its brilliant flowers is not its only fine quality because the tall, bushy plants are satisfyingly robust, always in bloom, and the flowers are sweetly fragrant. \$1.00 each.



Jonkheer Sandberg, clear unfading yellow

Vivid Poinsettia Red

Poinsettia. R73. For sheer dazzling brilliancy we do not think there is any red Rose to equal it. The well shaped, high-centered buds are made up of velvety textured petals in such a bright and vivid shade of red that they seem to glow from within. The plant is exceedingly tall and vigorous, producing plentifully of the long-stemmed flowers. The blooms fade somewhat in some weathers but are nearly always very satisfactory. In the fall you'll get from this variety some of the most gorgeous red roses that you have ever seen. \$1.00 each.



Condesa de Sastago, a brilliant bicolor

10 Cost Less

If you buy 10 roses, bush or climber, you get a reduced rate. See quantity rates on page 66.

Sister Therese

Sister Therese. R86. A remarkably strong, tall, vigorous, free-branching bush. The long, tight, slender buds are always perfect, never becoming misshapen, and they keep well as a cut flower. The chrome-yellow buds tinged with carmine and the lighter yellow open blooms, spicily fragrant, with deeper tones of apricot and gold, are always beautiful to behold. You'll never have to coax this one to grow and bloom. \$1.00 each.

Sister Therese, at right

Poinsettia, (at left) The Dazzling Red Rose



Tiny Miniature Roses

Rosa Rouletti

Rosa Rouletti. RM4. Here is one of the most interesting little Rose plants in the world, for the plant, which grows easily either in a pot or in the open ground, seldom gets more than 6 or 8 inches high and produces almost continually great quantities of perfect little double flowers, deep pink in color, so small that 12 buds occupy but one-half of a walnut shell. The open flowers are three-quarters of an inch across. 4-in. pots, 85c each, 3 for \$2.25.

Tom Thumb. RM5. Pretty little deep crimson blooms on a miniature 6 to 8 inch plant. It blooms almost continuously from early spring to late fall. Plant Pat. No. 169. 4-inch pots 85c each, 3 for \$2.25.

Pixie

Pixie. RM3. A dainty miniature rose bush only a few inches high (8 to 9 inches), bearing the tiniest white rose buds in the world, fully double, perfectly formed, and so small that you can put a whole bouquet of them into a vase but one inch high. When fully open, the little flowers crowded with minute petals look like dainty white buttons. Both buds and open flowers often show delicate tints of pink, adding to their loveliness. The bushy little plants, which are easily grown anywhere in pots or in the garden, have tiny lace-like leaves and bloom almost continuously. Plant Pat. No. 408. 4-inch pots, 85c each, 3 for \$2.25.



Pixie, The Tiniest Rose

These are the Things that Count—Armstrong Roses will do it for you

C.O.M., Santa Barbara, Calif. "To me, 'Armstrong' is the same as 'Sterling' on silver! After 20 years of buying in many places, having had your products to compare, not just in my hands but in others, I should know something about what I say. I remember, one time, years ago, I wanted to have a lot of the old Hadley rose, wanted to be able to go out and cut an armload of 'em. I purchased two dozen bushes from you folks; drove out to Ontario to get them. Say, did I have fun! How they did bear, naturally, I fed them, but what wonderful bushes. And through the years your plants have given people everywhere real enjoyment. I have a Charlotte Armstrong. What a rose!"

Mrs. J.A.L., Lone Pine, Calif. "Joanna Hill, Mrs. E. P. Thom and Condesa de Sastago bloomed through 10 days of 20° to 25° weather and now with 6 inches of snow still have one good bud each. No wonder they top my list as gifts."

Mrs. M.E.P., Shafter, Calif. "As Chairman of the local garden club for ten years, I have been constantly ordering material for the club and for myself. The roses received from your nursery a few days ago are the finest rose bushes I have ever purchased from any nursery at any time."

J.E.G., Little Rock, Ark. "Your Charlotte Armstrong, and The Chief are great. I am carried away with them, and more than 1800 people saw them and agreed alike."



An Armstrong Tree Rose has a large head of luxuriant foliage and lovely blooms on a stout 36-inch stalk. Good Tree Roses are somewhat of a rarity, and we think Armstrong Tree Roses are just about the best.

Armstrong Tree Roses

Standard or Tree-shaped Roses are grown by budding the variety of Rose desired into a tall, straight stalk at a height of 36 inches from the ground, forming a bushy head at the top of this straight stalk. Many Rose varieties produce even more blooms when grown in this way than on an ordinary bush, and the individual flowers are frequently larger and more brilliantly colored. For lining walks, emphasizing corners, or planting in locations where height is desired, they are excellent. We believe Armstrong Tree Roses to be the finest produced in this country. Tree Roses are shipped without earth on the roots in the months of December, January and February. Our stock is very limited this year. Only early orders will get them.

Price: \$4.00 each (Except Mirandy). (If available after March 1 will be sold in 5-gal. tins at 50c per tree higher.)

Shipping Weight: Bare root, 7 lbs. for first plant, 2 lbs. for each plant added; 5-gal. tins, 55 lbs. each.

Tree Rose Varieties

Charlotte Armstrong. RT1. Long, blood red buds and brilliant cerise flowers. Produces buds of astonishing size and beauty.

Countess Vandal. RT4. Salmon-pink shaded copper and gold.

Crimson Glory. RT5. Velvety crimson shaded maroon, extremely fragrant.

Eclipse. RT6. Long, slender, streamlined yellow buds in profusion.

Heart's Desire. RT11. Magnificent long red buds; amazingly fragrant.

Mirandy. RT16A. The new fragrant dark red All-American Winner for 1945. \$4.50 each.

Mme. Henri Guillot. RT18. Raspberry-pink with magnificent foliage.

Mrs. E. P. Thom. RT19. Beautiful bright yellow buds, freely produced.

Picture. RT21. Sparkling pink buds and open flowers in great profusion.

President Hoover. RT22A. Big multi-color buds of red, pink, buff on very long stems.

Sister Therese. RT24A. Chrome-yellow buds tinged with carmine, spicily fragrant, on long stems.

Texas Centennial. RT26. Rose-red form of President Hoover; beautiful buds.

Armstrong Climbing Roses

Old-Time Banksias

Banksia White. RC3. A rampant old California climber, spreading all over the place, festooned in the springtime with a profusion of little, button-like, white flowers. Absolutely thornless. \$1.50 each.

Banksia Yellow. RC4. The same vigorous growth and thornless canes but with little button-like soft yellow blooms which make a great show in their blooming season. Will climb all over trees, palms or anything else. \$1.50 each.

Gigantic Pink Blooms

Belle of Portugal. RC1. There is no more vigorous grower among Roses than this variety and 10 or 12 foot canes the first season are to be expected, so give it plenty of room. The amazingly beautiful salmon-pink buds are also gigantic in size, often 3 and 4 inches in length. Do not expect it to bloom the first year after planting because it is too busy growing, but thereafter be prepared to admire it, for it is a mass of bloom from January to May in California, where it often starts to bloom in mid-winter. \$1.00 each.

Blooms All Summer

Captain Thomas. RC5. A magnificent climbing rose in every way. The flowers are single, medium size, creamy yellow in color, produced almost every week during spring, summer and fall—a most remarkable characteristic in a climber. Quite hardy, and in colder climates makes a 5 or 6 foot pillar growing up to 8 feet in California. Even without the beautiful flowers, its handsome, glossy foliage is worthwhile as a lovely covering for fence or wall. It is practically mildew-proof, and in California is evergreen. Plant Pat. No. 393. \$1.00 each.

For 50 Years a Favorite

Climbing Cecile Brunner. RC10. (Polyantha.) This famous Climbing Rose, with its great quantities of perfect little miniature pink buds and flowers, has long been a favorite in California and will continue to be such. Exceedingly vigorous, with dense handsome foliage. You can cut a bouquet of beautiful little buds from it almost any time of the year, for it is almost a perpetual bloomer in mild climates. \$1.25 each.

Climbing Christopher Stone. RC10B. Those great big velvety red flowers with wavy petals and the delicious perfume that are carried on the bush plants of Christopher Stone have long been among the most popular of all red roses. Now you can have them on a climbing sport, just out. We have not had a chance to watch it for long, but it should make a wonderful show in the garden, and the plants seem to be exceedingly strong and vigorous. Nothing makes a more beautiful display than a red climbing rose in the spring, and when this one gets covered with its big dazzling flowers, it's worth going a long way to see. \$2.00 each.

Climbing Countess Vandal

Climbing Countess Vandal. RC11. The bush form of Countess Vandal, with its long, pointed buds of coppery-bronze, pink and gold, has been increasingly popular each year. The climbing sport produces the same beautiful buds in even greater profusion and fills two roles, that of a magnificent vigorous climber, covered with beautiful blooms for garden decoration, and as a reservoir of magnificent long-stemmed buds for cutting. \$1.25 each.

10 Cost Less

If you buy 10 roses, bush or climber, you get a reduced rate. See quantity rates on page 66.



Climbing Golden Dawn has some of the most beautiful foliage in climbing roses as a background for its beautiful big yellow blooms.

The Best Red Climber

Climbing Etoile de Hollande. RC13. A good strong grower with plentiful foliage, it produces some of the finest big red buds and open flowers that we have ever seen on any Rose, and the blooms are larger and on longer stems than the bush Etoile de Hollande, possessing the same delicate fragrance. We rate it as the finest red climbing rose that we grow. This variety is always scarce because it is difficult to propagate. We have a very good supply this year. \$1.25 each.

Climbing Dainty Bess

Climbing Dainty Bess. RC12. For years those rose lovers who admire so much the dainty, single, amber-pink flowers of Dainty Bess have been asking for this variety in a climbing form. It is available now and comes up to all expectations. If you like this variety in a bush, and almost everyone does, imagine having a large climbing plant of it covered with hundreds of blooms instead of a half a dozen. \$1.00 each.

Flowers of Climbing Dainty Bess



Etoile de Hollande. Everyone agrees that this is one of the three best red roses. You can get it as a climber, listed at right, or as a bush, see page 67.

Armstrong Climbers

Golden Dawn

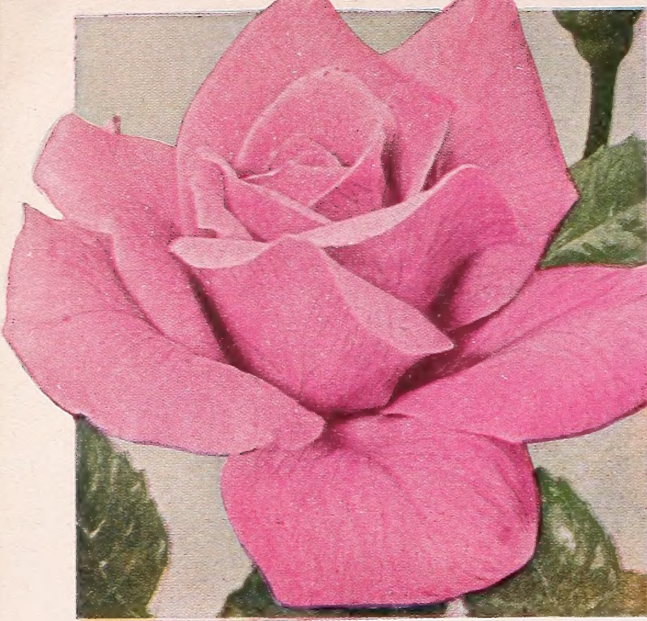
Climbing Golden Dawn. RC14. The big, sunflower-yellow, fully double blooms of Golden Dawn are exceedingly popular in the bush form, and this vigorous climbing sport of that variety, which will produce quantities of the fine large blooms on a climbing plant, we think is the best climbing Rose in the lighter yellow shades. It blooms profusely in the spring and has a good many flowers thereafter right up to late fall. The foliage is plentiful and handsome, and it has just about everything that a yellow climbing Rose would be expected to have, including a splendid fragrance. Awarded Certificate of Merit, American Rose Society. See illustration on preceding page. Plant Pat. No. 243. \$1.50 each.

New Yellow

Climbing Golden Rapture. RC16. (Armstrong Nurseries.) In our opinion, the yellow rose with the most beautifully formed bud and open flower is Golden Rapture. The bush form of this rose has increased in popularity by leaps and bounds since it was introduced several years ago, and this is a new Armstrong-originated climbing form of this glorious rich shining yellow rose. Not only will it produce hundreds of magnificent blooms in the spring to reflect the sunshine in the garden, but it will provide many long-stemmed, perfect buds for cutting. Plant Pat. No. 508. \$1.50 each.

10 Cost Less

If you buy 10 roses, bush or climber, you get a reduced rate. See quantity rates on page 66.



Picture has been our most popular pink bush rose (page 71), and we expect its new climbing form to be the most popular pink climber.

An Old Favorite

Climbing Hadley. RC17. This vigorous climbing sport will produce many times the number of beautiful flowers in a season that can be produced on the bush Hadley. The beautifully shaped, double, velvety red blooms, sweet with the good old Hadley fragrance, have for years been admired everywhere, and few kinds can beat them yet. \$1.00 each.

Orange-Vermilion

Climbing Hinrich Gaede. RC18. The extraordinary brilliant orange-vermilion coloring of this striking Rose is now found in a climber, and what a climber! The color illustration below gives but a poor idea of the richness and beauty of the flowers on this free blooming Rose, which does not stop with the spring blooming period but continues to produce occasional magnificently colored blooms all through the summer and fall. Up around San Francisco Bay they go wild over this rose for it seems to like that area and makes an exceedingly brilliant display. It is a wonderful climber everywhere in California that we have seen it grow. Plant Pat. No. 244. \$1.50 each.

Climbing Hinrich Gaede is the only good climbing rose of its color. See also bush form on page 70.



Best White Climber

Climbing K. A. Victoria. RC20. A grand white climbing Rose; large, deep and double; it is the strongest growing, free blooming and most satisfactory of the white climbers. \$1.00 each.

Velvety Blood-Red

Climbing Mary Hart. RC20B. The perfect buds of the Talisman Rose exist in a velvety blood-red shade in the Rose Mary Hart. Now Mary has produced a long-legged climbing daughter with a complexion just as lovely but with so much vigor that she climbs every fence in sight. Every long-stemmed, beautifully formed bud is exquisitely fragrant. \$1.25 each.

Climbing Mrs. Sam

Climbing Mrs. Sam McGredy. RC22. For many years the bush form of this variety (see page 70) has been pleasing thousands of rose lovers with its beautifully formed, coppery orange buds and flowers. Now we can have that beautiful, glossy, bronzy green foliage, the most luxuriant and handsome in the rose world, spread over fence or wall and get dozens of those beautiful long-stemmed blooms instead of just one. We feel very happy about it, and you will too, when you get one in your garden. Plant Pat. No. 394. \$1.50 each.

The new climbing coppery colored rose, Climbing Mrs. Sam McGredy.



Climbing Mrs. Thom

Climbing Mrs. Erskine P. Thom. RC21. Few will dispute the claim of Mrs. E. P. Thom to be one of the finest yellow bush roses. The vigorous climber multiplies many times the number of flawless yellow buds which can be produced on a bush. See illustration in color on page 77. \$1.00 each.

Deep Dark Red

Climbing Night. RC23. (Armstrong Nurseries.) This new climbing rose of our own introduction we believe to be the finest deep red climber. Large, full flowers of deep crimson, shaded black and maroon, opening out to beautifully shaped blooms and saturated with the same delightful cinnamon-clove fragrance which the Bush Rose Night possesses. It is a vigorous climber and for us has bloomed exceptionally well. A large plant covered with these velvety textured, fragrant, deep dark red blooms certainly is a delightful thing to have in any garden. Plant Pat. No. 439. \$1.50 each.

No. 1 Pink Climber

Climbing Picture. RC24. (Armstrong Nurseries.) For several years the Bush Rose, Picture, has been the most popular pink variety in our entire list. That's why we think that the most outstanding new climbing rose is this big, strong, beautifully foliaged, climbing type of the same variety. Where you get dozens of fine blooms on the bush form, you'll get hundreds of beautiful, long-stemmed, perfectly formed buds on this climber every spring, with every flower a "Perfect Picture." Clear rose-pink with warm salmon undertones, enchantingly fragrant. Plant Pat. No. 524. \$2.00 each.

Make Bowers of Beauty

Climbing Hoover

Climbing President Herbert Hoover. RC25. The famous President Hoover, with its multi-colored pink, red, yellow, and buff flowers, is vigorous enough as a bush, but as a climber it grows all over the place, producing its beautiful flowers in great profusion, each one on a long stem, every bloom perfect in color and symmetry. \$1.00.

Climbing Talisman

Climbing Talisman. RC27. It is difficult to imagine anything more striking than a fence or trellis covered with the lovely red and gold flowers of the much admired Talisman. On a 4-year-old plant we counted 311 perfect, long-stemmed buds and flowers at one time. How's that for a marvelous garden show? \$1.00 each.

Climbing Texas

Climbing Texas Centennial. RC27A. A big, vigorous grower, blooming profusely in the spring. The big, brick-red buds with their rosy red open flowers are even larger, more lovely and borne on longer stems than on the bush form. It's new and it's very, very good. Plant Pat. No. 565. \$1.50 each.

Shining Yellow

Climbing Ville de Paris. RC28. In the bright shining yellow shades this has been the best of the Climbing Roses. We introduced it several years ago for the first time, and it originated in our fields. The glossy, large, handsome foliage is not the least of its beauties, for it creates splendid background for the unfading brilliant yellow flowers. \$1.00 each.

Gay Mood

Gay Mood. RC30. Ever since the first plant of this new seedling bloomed in the trial rows we have gloried in the rich, deep coral-flame color of the buds and flowers which are produced all over the 8-foot plant, their beauty and brilliancy enhanced by a background of large, glossy foliage. Amazingly colorful in the spring, and keeps on flowering right through the summer. It has put us all in a gay mood, and we hope it will do the same for you. \$1.25 each.

Mermaid

Mermaid. RC34. This magnificent Rose is indispensable in every garden where there is room for it. It can be grown as a climber on wall or fence, as a pillar Rose, or just as a big rambling bush, and in every case it makes a great mass of beautiful glossy evergreen foliage, just as handsome in winter as in summer. It blooms steadily throughout the season and produces quantities of exquisitely beautiful single flowers of great size, pale sulphury-yellow with a gold center. \$1.00 each.

Famous Paul's Scarlet

Paul's Scarlet Climber. RC36. The flowers are an intense vivid scarlet, semi-double, and are very freely produced in clusters of from 3 to 20 blooms on long much-branched canes, the plant being a mass of flaming color from top to bottom. The flowers do not fade but maintain their color until the petals fall. \$1.00 each.

Climbing light is the deepest, darkest red in Climbing Roses. See also Bush variety on page 71.



Talisman is available not only as a richly colored climber but as a bush rose. See page 71.

Beautiful Orange

Rose Anne. RC38. A moderate grower, suitable for smaller spaces. The flowers are a beautiful soft orange-apricot and borne on 18-inch stems, one of the finest Climbing Roses for cutting that has ever been grown, and it blooms not only in the spring, but at intervals throughout the summer as well. Splendid reports reach us on its behavior in the East, South, and on the Pacific Coast, so it evidently is a coast-to-coast rose. Awarded Certificate of Merit by American Rose Society. \$1.25 each.

Sunshiny Gold

Sungold. RC39. You can have glorious golden sunshine in your garden throughout the spring blooming season and can take it right into your house, with this fine yellow climber, which produces great quantities of lovely, long, slender buds, golden yellow with a hint of lemon, produced on long stems for cutting. Opens up into full, double flowers, holding their shape and color well under all conditions. Glossy, mildew-resistant foliage. If we were selecting two or three yellow climbers, this would certainly be one of them, and maybe the first one on the list. Although originated in California, it is hardy on the East Coast. \$1.50 each.

Climbing Mrs. Thom produces plenty of long-stemmed yellow buds. See bush on page 70.





The new Hibiscus, Fireside

Two Brilliant New Hibiscus

Fireside. SH8. A magnificent, richly colored new Chinese Hibiscus from Hawaii grown exclusively by Armstrong Nurseries. The magnificent 5-inch flower has broad overlapping petals, ruffled and beautifully textured. It has a flaming red center, suffusing toward the outer edges of the petals into rich deep chrome-yellow. The plant is a good grower and carries quantities of the big, richly colored blooms. It will make a vivid tropical splash of color in your garden. Gal. tins, \$1.50; 5-gal. tins, \$4.00.

Hallowe'en. SH9. Somebody dumped in all the paint pots when this new Hibiscus creation was originated. Can you recall the rich orange-scarlet color of a ripe Hachiya Persimmon? That is the color that covers the greater portion of the petals of Hallowe'en Hibiscus. This brilliant tone merges into copper and shining gold. The giant, 6-inch flower, with its broad, ruffled petals, has a texture like crepe paper. Gal. tins, \$1.50; 5-gal. tins, \$4.00.

Other beautiful Armstrong Hibiscus described on page 54.

Giant Burmese Honeysuckle (Shown here less than half size).



Three Big Salesyards to Visit

Main Office and Display Yard in Ontario, 35 miles east of Los Angeles, can be reached over either of the two main east and west highways, Valley Boulevard (U. S. 99) or Foothill Boulevard (U. S. 66). See map page 41. Motor Transit bus leaves Sixth and Main Streets, Los Angeles, every hour.

North Hollywood Branch, 12908 Magnolia Blvd. (corner Magnolia Blvd. and Coldwater Canyon Ave.), has a complete display of Armstrong products. Cash only. Truck deliveries to San Fernando Valley and adjacent territory.

Culver City Branch, 4440 Sepulveda Blvd. (five blocks south of Washington Blvd.) is conveniently located for the western and southern parts of Los Angeles and the beach cities. A complete Armstrong stock carried. Cash only. No deliveries.

No Matter When you visit one of the three Armstrong Salesyards, you'll always see something interesting. They are veritable treasure houses of garden plants. Fruiting trees and plants are featured, and you will always see some beautiful ornamentals in bloom.

Please address all mail orders and correspondence to our Ontario office.



The brilliant flowers of Bouvardia Fire Chief Red

Fire Chief Red

Bouvardia ternifolia "Fire Chief Red." ST3. 25°. The tubular flower clusters on this almost-ever-blooming little 3-foot plant have the same glowing brilliant red color that the Fire Chief uses on his car. Gal. tins, \$1.50.

See other Bouvardias on page 47.

Giant Burmese Honeysuckle

Lonicera hildebrandiana. V27. "Giant Burmese Honeysuckle." 20°. The giant of all the Honeysuckles, with enormous flowers reaching the unbelievable dimensions of 7 inches, yellow, changing to orange, red and buff, deliciously fragrant with real honeysuckle perfume. Armstrong plants are cutting grown and will never "sucker" from the roots as the commonly sold grafted plants are apt to do. This plant is especially fine right on the seacoast in Southern California. Full sun. Gal. tins, \$1.50; 5-gal. tins, \$4.00.

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